ProTools Downlights



whitegoods



whitegoods

Whitegoods has developed another range of minimal lighting tools, which utilize the form factor of LED to reduce even further their visual impact, and of course they all hold true to our constant principles.

Our Philosophy

- Reduction of detail
- Seamless architectural integration
- Logical, modular systems and families of products – Ease of specification, installation
- and maintenance

ProTools Range Modularity

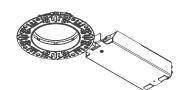
The ProTools range of professional lighting tools has been developed as a flexible and adaptable system.

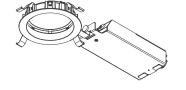
One unified range can meet the demands of all spaces within a project, from the simplest requirements to the most demanding, all with a genuinely matching aesthetic appearance.

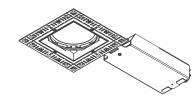
Frame

Select from Plaster Trim or Bezel Trim. Once the mounting frame is fitted, it can accept any insert within the range, all of which can be installed and accessed from below.

The same is true for their driver box.







Insert

Choose the insert to suit your needs:

- Simple ambient light from the D insert.
- Various beam angles from fixed or adjustable.
- Ultimate performance, superb glare control, lens options and a unique void shielding system with the DLX insert.







Cover

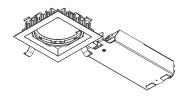
Complete with your choice of cover:

- Flush Satin Opal
- Regressed Cone
- Wall Wash
- Regressed Pinhole
- Wet Location











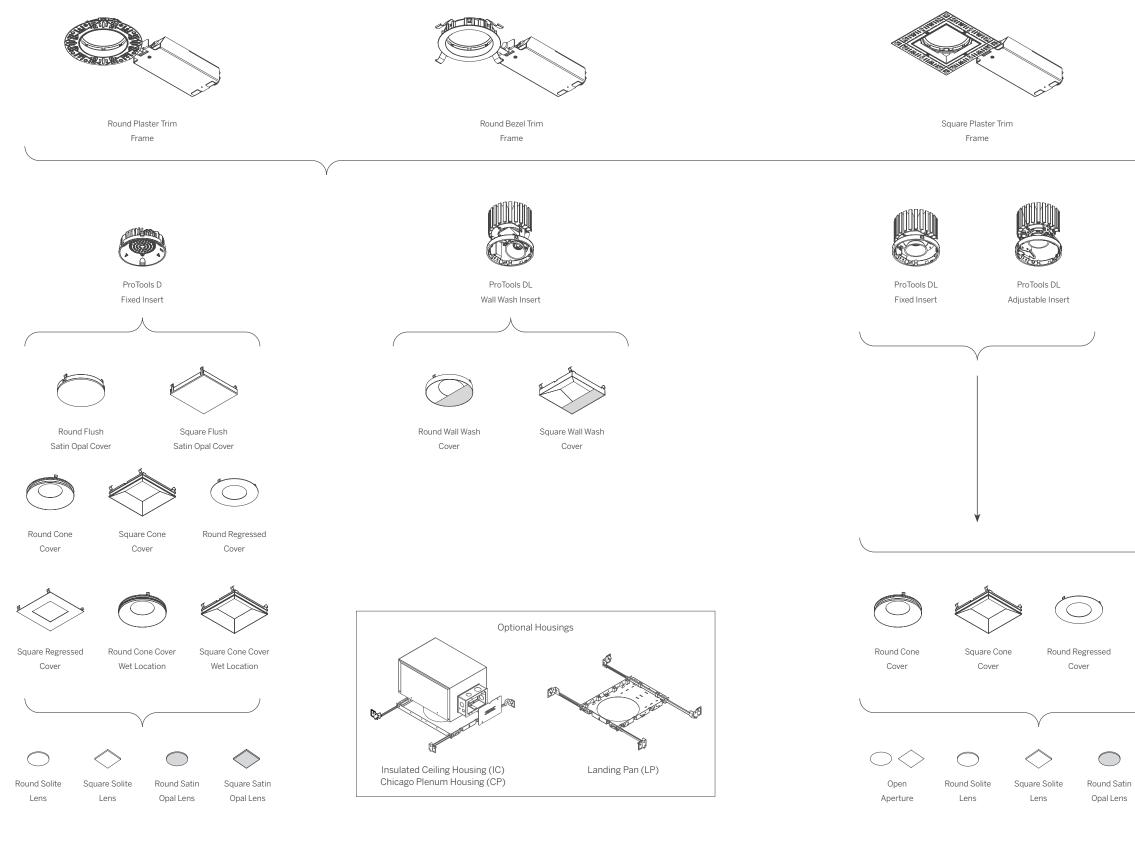


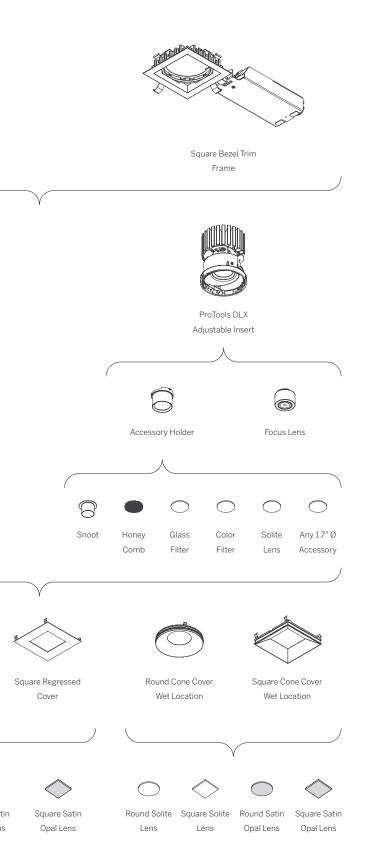




ProTools Range Logic

The ProTools range allows the specifier freedom to design for all spaces and environments within a project from one succinct, logical and aesthetically congruent range of luminaires. The comprehensive options cover all of the designer's needs.





ProTools Aim Stick & Aim Stick Laser

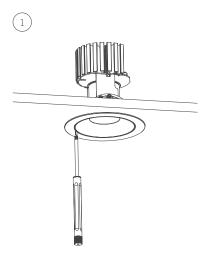
"Hot aiming" has been a buzzword in the lighting industry for decades. However, these days, it is something of a misnomer, as luminaires with LED technology run much cooler than their predecessors. Moreover, the traditional requirement for "lockable" fixtures related to the fact that their carefully aimed position would inevitably be disturbed during re-lamping every few thousand hours. The locking mechanism was there to minimize this. As LEDs will now more than likely outlast the serviceable life of an installation, this requirement is redundant. Market leading COB LEDs mean that, once set, the luminaire is unlikely to need servicing.

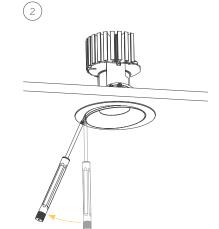
Instead, we have ensured that the position of our adjustable downlights is "fixed as set" by default. The 365 degree rotation is incrementally defined by a spring-loaded ratchet system, ensuring that the position achieved is fixed the moment it is set. The aiming angle is likewise held fast by four, factory torque set, friction points.

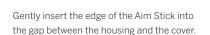
Whitegoods products are designed with input from lighting designers who have years of real life, first hand experience of specifying and using luminaires of all kinds. We know that construction sites can be difficult places to work. Focusing a project when the BMS or lighting control system is also being commissioned can mean wasted hours waiting for the lights to come on. With ProTools the designer can focus the project with lights on or off, utilizing the unique aiming stick with laser sight, allowing total confidence that the luminaire will hit its target.

If you don't have one on hand, don't worry. A long thin screwdriver can be used to do the same job, albeit without the laser aiming of course.





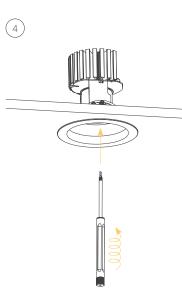




Lever out the cover.

Remove the cover.

(3)



Locate the designated hole for the tool. Insert the ProTools Aim Stick into the housing and screw in a few short twists.

(5)

View from under the ProTools DLX.

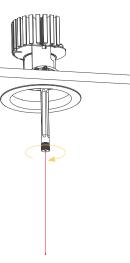
The designated hole for the Aim Stick is highlighted in yellow



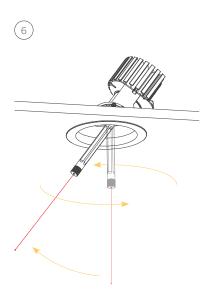
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ProTools Aim Stick Laser





Activate the laser by rotating the black dial on the bottom of the Aim Stick clockwise.



Use the tool to rotate the direction of the beam to the desired point. The ProTools DLX can rotate 365° and has a tilt of 45°, the ProTools DL Adjustable can

Once the required adjustment has been made, repeat steps 3-6 in reverse.

rotate 365° and has a tilt of 40°.

The ProTools 4" downlight family offers trimless and trim, round or square, ambient light, or adjustable, wall washers, ultimate performance, superb glare control, lens options and the Whitegoods attention to integration with surrounding materials.

Made in the USA and in stock in Maryland.

Fixed Downlights

-	4" ProTools D Downlight Square Flush Diffuser Product details Design guide	20 82-86
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Adjustable Downlights

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4" ProTools DLX Downlight Square Regressed Pinhole Cover Product details Design guide



4" ProTools DLX Downlight Square Regressed Pinhole Cover - Narrow / Zoom Product details Design guide



4" ProTools DLX Downlight Round Regressed Pinhole Cover Product details Design guide



4" ProTools DLX Downlight Round Regressed Pinhole Cover - Narrow / Zoom Product details Design guide



4" ProTools DLX Downlight Square Asymmetric Cover Product details Design guide

4" ProTools DLX Downlight Square Asymmetric Cover - Narrow / Zoom Product details Design guide



4" ProTools DLX Downlight Round Asymmetric Cover Product details Design guide



4" ProTools DLX Downlight Round Asymmetric Cover - Narrow / Zoom Product details Design guide

Washlights

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	1-1	

4" ProTools DL Wall Wash Square Wall Wash Cover
Product details
Design guide
4" ProTools DL Wall Wash
Round Wall Wash Cover
Product details

Design guide

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ProTools Applications

Downlight

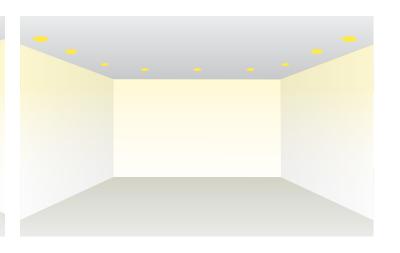
Perhaps the most common lighting solution utilized for general area lighting, arranging a group of lights in a grid to give even illumination to the surface below.

Of course, the popularity of a technique is not always a sign of best practice, and in this case it typically has more to do with economy and ease of implementation.

However, when applied to a space with some consideration it can be an effective technique. One thing to consider for this type of solution is "how much light will fall on the walls?". A space can have a lot of light being delivered into it, but if the walls are not sufficiently illuminated, there is a good chance that the space will feel gloomy, even though there is plenty of light falling on horizontal surfaces like desks or the floor.

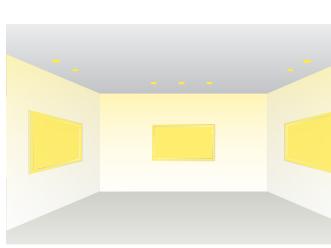
Fortunately, many Whitegoods luminaires have good 'high angle distribution', which can help to deal with this common issue.

Washlight



The aim of wall washing, or in fact washing any surface with light (wall, ceiling or floor), is to create an even 'wash' of light across the surface. The wall wash is a great way to introduce light into a room as the brightness of the vertical surfaces around us play a crucial role in our perception of a space. You can use linear or point sources, and both will need to emit a wide, even beam of light which is directed towards the wall, to create the effect.

Downlights need to be correctly positioned, both in terms of distance from the wall, and their relative distance to one another. There are helpful guides for this in the Design Guide section of this book. Linear sources also need careful placing in terms of their offset from the wall, and can be used in a continuous format, or as a series of linear elements. A continuous linear source will achieve the most consistent overall effect, although downlights might better suit the architecture or construction method. Adjustable



Of course, although considering whole surfaces is a highly effective way to start thinking about light within your project, it is equally possible to think in terms of specific pieces of architecture, art, sculpture, ornamentation or furniture, and treat these as focal objects, drawing the viewers attention to them naturally and simply by highlighting them against their background scenario.

A useful 'rule of thumb' here is that if you allow ten times more light to fall on an object relative to the surrounding light level, it will seem to be 'popping' out of the scene and will tend to draw the eye.

Tip Look for Whitegoods product codes that include "D", "DL", or "DLX" to find downlights.

Tip

Look for Whitegoods product codes that include "WW" throughout this book to find wash lights.

Тір

Look for Whitegoods product codes that include "DL" or "DLX" throughout this book to find products suitable for highlighting focal objects.





4" ProTools D Downlight Square Flush Diffuser

High-Angle Distribution Ambient Lighting

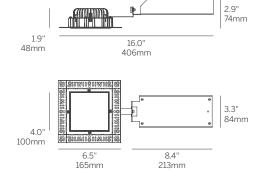
- 4" aperture square downlight for wide distribution ambient lighting.
- High angle distribution giving good vertical illumination.
- High transmission, evenly illuminated Flush Satin Diffuser.
- Beam Angle: Lambertian
- Luminaire and driver installed and maintained from below the ceiling.

IC Housing

- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
 - Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
 - Modular interchangeability throughout the entire ProTools DLX range of products.



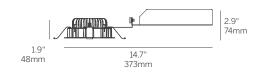
Product Code	WG 100SPTD-RPT-FSOD WG 100SPTD-RBT-FSOD-W WG 100SPTD-RBT-FSOD-G	Plaster Trim (White finish as standard) Bezel Trim White Bezel Trim Grey
Aperture	4.0" × 4.0"	
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K,	3500K, 4000K
Beam	Lambertian	
Diffuser	Flush Satin Opal	
Dimming	Standard non-dim driver, 120-2 EldoLED, 1%, 0-10V dimming, 12 Lutron Hi-lume 1% EcoSystem, Lutron Hi-lume Premier 0.1% Ec Lutron Forward Phase 1% 120V/	20-277V 120-277V coSystem, 120-277V
Mounting	ProTools downlights require no a construction. Grid Kit Chicago Plenum Housing	additional mounting kits for remodel and new

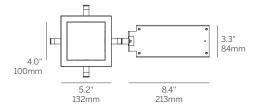


WG 100SPTD-RBT-FSOD Bezel Trim

WG 100SPTD-RPT-FSOD

Plaster Trim





4" ProTools D Downlight Square Flush Diffuser

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Lens	Beam	Finish	Options
WG-100SPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	FSOD	LAM	W G⁵	LP CP IC

Model

WG-100SPTD = 4" ProTools D Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT³

- 90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (759/1074/1488 lm)
- 930 = 3000K, (771/1092/1512 lm)
- 935 = 3500K, (795/1128/1566 lm)
- 940 = 4000K, (834/1188/1638 lm)

Options

Driver⁴

Lens

Beam

Finish

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- FSOD = Flush Square Satin Opal Lens
- LAM = Lambertian
- W = White • $G = Gray^5$
- ProTools downlights require no additional options kits for remodel & new construction LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing



4" ProTools D Downlight Round Flush Diffuser

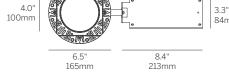
High-Angle Distribution Ambient Lighting

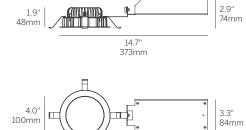
- 4" aperture round downlight for wide distribution ambient lighting.
- High angle distribution giving good vertical illumination.
- High transmission, evenly illuminated Flush Satin Diffuser.
- Beam Angle: Lambertian
- Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
 - Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below
- the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products.

Product Code	WG 100RPTD-RBT-FROD-W	Plaster Trim (White finish as standard) Bezel Trim White Bezel Trim Grey	WG 100RPTD-RPT-FROD Plaster Trim
Aperture	Ø 4.0"		
LEDs	90 CRI		1.9" 48mm
Color Temp	LED available in 2700K, 3000K, 35	00K, 4000K	
Beam	Lambertian		60.20A
Diffuser	Flush Satin Opal		4.0"
Dimming	Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-2 Lutron Hi-lume 1% EcoSystem, 120 Lutron Hi-lume Premier 0.1% EcoS Lutron Forward Phase 1% 120VAC	277V J-277V	6.5" 165mm
Mounting		ditional mounting kits for remodel and new	WG 100RPTD-RBT-FROD Bezel Trim
C	construction. Grid Kit	-	
	Obie and Diamond Linear		

Chicago Plenum Housing IC Housing

2.9" 74mm 1.9" 48mm 16.0" 406mm 3.3" 84mm





5.2" 132mm 8.4" 213mm

Design Guide

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4" ProTools D Downlight Round Flush Diffuser

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Lens	Beam	Finish	Options
WG-100RPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	FROD	LAM	W G⁵	LP CP IC

Model

■ WG-100RPTD = 4" ProTools D Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT³

- 90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (759/1074/1488 lm)
- 930 = 3000K, (771/1092/1512 lm)
- 935 = 3500K, (795/1128/1566 lm)
- 940 = 4000K, (834/1188/1638 lm)

Options

Driver⁴

Lens

Beam

Finish

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- FROD = Flush Round Satin Opal Lens
- LAM = Lambertian
- W = White • $G = Gray^5$
- ProTools downlights require no additional options kits for remodel & new construction LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing



4" ProTools D Downlight Square Regressed Cone Cover

Even Illumination From Regressed Lens

- 4" square aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.
- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.

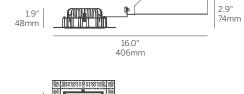
- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
- Modular interchangeability throughout the entire ProTools DLX range of products.
- Wet Location as standard option (WL).

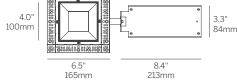
Product Code	WG 100SPTD-RPT-SRC-W WG 100SPTD-RBT-SRC-W WG 100SPTD-RBT-SRC-G	Plaster Trim White Bezel Trim White Bezel Trim Grey						
	Add 'WL' for wet location optio	n						
Aperture	4.0" × 4.0" (2.0" light aperture)						
LEDs	90 CRI	90 CRI						
Color Temp	LED available in 2700K, 3000ł	LED available in 2700K, 3000K, 3500K, 4000K						
Beam	110°							
Diffuser	Regressed Satin Opal							
Dimming	Standard non-dim driver, 120- EldoLED, 1%, 0-10V dimming, 1 Lutron Hi-lume 1% EcoSystem Lutron Hi-lume Premier 0.1% B Lutron Forward Phase 1% 120	120-277V 120-277V EcoSystem, 120-277V						
Mounting	ProTools downlights require no construction. Grid Kit Chicago Plenum Housing	additional mounting kits for remodel and new						

IC Housing

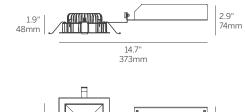


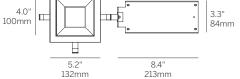
WG 100SPTD-RPT-SRC Plaster Trim





WG 100SPTD-RBT-SRC Bezel Trim





4" ProTools D Downlight

Square Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRC	RSO	110	W G ⁵	LP CP IC WL

Cover

Lens

Beam

Finish

Options

Model

WG-100SPTD = 4" ProTools D Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT³

- 90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (759/1074/1488 lm)
- 930 = 3000K, (771/1092/1512 lm)
- 935 = 3500K, (795/1128/1566 lm)
- 940 = 4000K, (834/1188/1638 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

■ SRC = Square Regressed Cone

■ RSO = Regressed Satin Opal

■ 110 = 110° Beam Angle

W = White • $G = Gray^5$

ProTools downlights require no additional options kits

for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location



4" ProTools D Downlight Round Regressed Cone Cover

Even Illumination From Regressed Lens

- 4" round aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.

Grid Kit

IC Housing

Chicago Plenum Housing

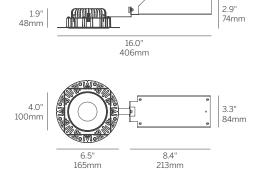
- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.

- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below
- Modular interchangeability throughout the entire ProTools DLX range of products.
- Wet Location as standard option (WL).



the ceiling (integral driver).

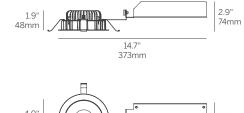
Product Code	WG 100RPTD-RPT-RRC-W WG 100RPTD-RBT-RRC-W WG 100RPTD-RBT-RRC-G Add 'WL' for wet location option	Plaster Trim White Bezel Trim White Bezel Trim Grey				
Aperture	Ø 4.0" (2.0" light aperture)					
LEDs	90 CRI					
Color Temp	LED available in 2700K, 3000K, 3500K, 4000K					
Beam	110°					
Diffuser	Regressed Satin Opal					
Dimming	Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V Lutron Forward Phase 1% 120VAC					
Mounting	ProTools downlights require no a construction.	dditional mounting kits for remodel and new				

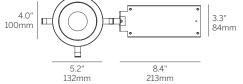


WG 100RPTD-RBT-RRC Bezel Trim

WG 100RPTD-RPT-RRC

Plaster Trim





4" ProTools D Downlight

Round Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRC	RSO	110	W G ⁵	LP CP IC WL

Cover

Lens

Beam

Finish

Options

Model

WG-100RPTD = 4" ProTools D Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT³

- 90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (759/1074/1488 lm)
- 930 = 3000K, (771/1092/1512 lm)
- 935 = 3500K, (795/1128/1566 lm)
- 940 = 4000K, (834/1188/1638 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

RRC = Round Regressed Cone

■ RSO = Regressed Satin Opal

■ 110 = 110° Beam Angle

W = White • $G = Gray^5$

ProTools downlights require no additional options kits

for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location



4" ProTools D Downlight Square Regressed Pinhole Cover

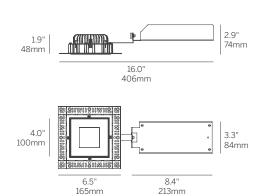
Even Illumination From Regressed Lens

- 4" square aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.
- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.

- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
- Modular interchangeability throughout the entire ProTools DLX range of products.



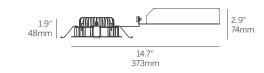
Product Code	WG 100SPTD-RBT-SRP-W	Plaster Trim White Bezel Trim White Bezel Trim Grey
Aperture	4.0" × 4.0" (2.0" light aperture)	
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K, 35	500K, 4000K
Beam	110°	
Diffuser	Regressed Satin Opal	
Dimming	Standard non-dim driver, 120-277 EldoLED, 1%, 0-10V dimming, 120- Lutron Hi-lume 1% EcoSystem 120 Lutron Hi-lume Premier 0.1% EcoS Lutron Forward Phase 1% 120VAC	-277V)-277V System, 120-277V
Mounting	ProTools downlights require no add construction. Grid Kit Chicago Plenum Housing IC Housing	ditional mounting kits for remodel and new

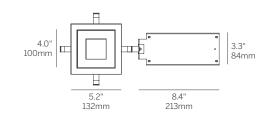


WG 100SPTD-RBT-SRP Bezel Trim

WG 100SPTD-RPT-SRP

Plaster Trim





4" ProTools D Downlight

Square Regressed Pinhole Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRP	RSO	110	W G ⁵	LP CP IC

Model

WG-100SPTD = 4" ProTools D Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT³

- 90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (759/1074/1488 lm)
- 930 = 3000K, (771/1092/1512 lm)
- 935 = 3500K, (795/1128/1566 lm)
- 940 = 4000K, (834/1188/1638 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

Lens

Cover

Beam

Finish

Options⁶

■ SRP = Square Regressed Pinhole

■ RSO = Regressed Satin Opal

■ 110 = 110° Beam Angle

W = White • $G = Gray^5$

ProTools downlights require no additional options kits for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing



4" ProTools D Downlight Round Regressed Pinhole Cover

Even Illumination From Regressed Lens

- 4" round aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.

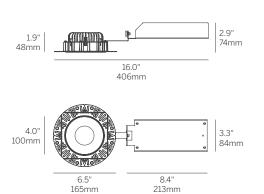
IC Housing

- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.

- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
- Modular interchangeability throughout the entire ProTools DLX range of products.



Product Code	WG 100RPTD-RPT-RRP-W WG 100RPTD-RBT-RRP-W WG 100RPTD-RBT-RRP-G	Plaster Trim White Bezel Trim White Bezel Trim Grey
Aperture	Ø 4.0" (2.0" light aperture)	
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K, 3	3500K, 4000K
Beam	110°	
Diffuser	Regressed Satin Opal	
Dimming	Standard non-dim driver, 120-27 EldoLED, 1%, 0-10V dimming, 120 Lutron Hi-lume 1% EcoSystem, 1 Lutron Hi-lume Premier 0.1% Eco Lutron Forward Phase 1% 120VA	D-277V 20-277V oSystem, 120-277V
Mounting	ProTools downlights require no a construction. Grid Kit Chicago Plenum Housing	dditional mounting kits for remodel and new

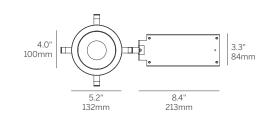


WG 100RPTD-RBT-RRP Bezel Trim

WG 100RPTD-RPT-RRP

Plaster Trim

2.9" 74mm 1.9" 48mm 14.7" 373mm



4" ProTools D Downlight Round Regressed Pinhole Cover

CRI/ Model Fixation^{1,2} Power³ Driver⁵ Cover CCT⁴ WG-100RPTD 927 RRP RPT Х RBT 930 М 935 D010 940 PEQ1 PEQO

Model

■ WG-100SRTD = 4" ProTools D Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT³

- 90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (759/1074/1488 lm)
- 930 = 3000K, (771/1092/1512 lm)
- 935 = 3500K, (795/1128/1566 lm)
- 940 = 4000K, (834/1188/1638 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

Lens

Cover

Beam

Finish

W = White

• $G = Gray^5$

DFPN

Options⁶

- for remodel & new construction

Lens	Beam	Finish	Options
RSO	110	W G ⁵	LP CP IC

RRP = Round Regressed Pinhole

■ RSO = Regressed Satin Opal

■ 110 = 110° Beam Angle

ProTools downlights require no additional options kits

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing



4" ProTools DL Downlight Square Regressed Cone Cover

WG 100SPTDLF-RPT-SRC-W

WG 100SPTDLF-RBT-SRC-W

WG 100SPTDLF-RBT-SRC-W

Add 'WL' for wet location option

4.0" × 4.0" (2.0" light aperture)

LED available in 2700K, 3000K, 3500K, 4000K

90 CRI

16°, 32°, 41°

Open Aperture

Multiple Beam Options From Regressed Source

- 4" square downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 55°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver.

Product Code

Aperture

Color Temp

LEDs

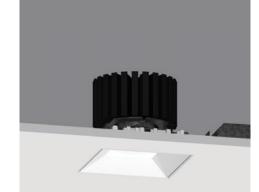
Beam

Diffuser

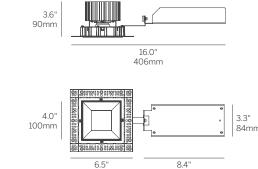
Dimming

Mounting

- Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
- entire ProTools DLX range of products.
- Wet Location as standard option (WL).



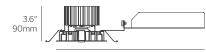
Modular interchangeability throughout the WG 100SPTDLF-RPT-SRC Plaster Trim



WG 100SPTDLF-RBT-SRC Bezel Trim

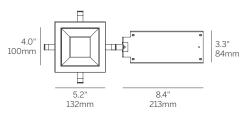
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165mm





213mm



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4" ProTools DL Downlight

Square Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLF	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Cover

Lens

Beam

Finish

Options

Model

■ WG-100SPTDLF = 4" ProTools DL Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.



Plaster Trim White

Bezel Trim White

Bezel Trim Grey

- Notes

■ SRC = Square Regressed Cone

OA = Open Aperture RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle

■ 32 = 32° Beam Angle ■ 41 = 41° Beam Angle

W = White

■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing WL = Wet Location



4" ProTools DL Downlight Round Regressed Cone Cover

Multiple Beam Options From Regressed Source

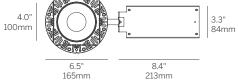
- 4" round downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 50°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver.

- Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the
- entire ProTools DLX range of products.
- Wet Location as standard option (WL).



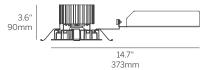
Product Code	WG 100RPTDLF-RPT-RRC-WPlaster Trim WhiteWG 100RPTDLF-RBT-RRC-WBezel Trim WhiteWG 100RPTDLF-RBT-RRC-GBezel Trim Grey	WG 100 Plaster T
	Add 'WL' for wet location option	3.6"
Aperture	Ø 4.0" (2.0" light aperture)	90mm
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K, 3500K, 4000K	
Beam	16°, 32°, 41°	4.0" 100mm
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal Regressed Satin Clear, Wet Location	
	Regressed Satin Opal, Wet Location	WG 100 Bezel Tri
Dimming	Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V Lutron Forward Phase 1% 120VAC	3.6" 90mm
Mounting	ProTools downlights require no additional mounting kits for remodel and new construction. Grid Kit Chicago Plenum Housing IC Housing	4.0" 100mm

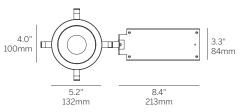
ORPTDLF-RPT-RRC Trim 16.0" 406mm



ORPTDLF-RBT-RRC rim

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4" ProTools DL Downlight

Round Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLF	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Cover

Lens

Beam

Finish

Options

Model

■ WG-100RPTDLF = 4" ProTools DL Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

RRC = Round Regressed Cone

OA = Open Aperture RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White ■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing ■ WL = Wet Location



4" ProTools DL Downlight Square Regressed Pinhole Cover

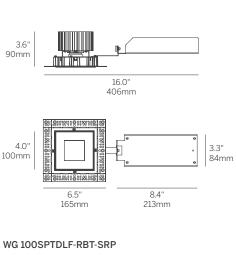
Multiple Beam Options From Regressed Source

- 4" square downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 55°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver.

- Mounts in 1/16" to 1" surface. ■ Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below
- the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products.



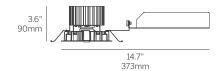
Product Code	WG 100SPTDLF-RBT-SRP-W B	Plaster Trim White Bezel Trim White Bezel Trim Grey
Aperture	4.0" × 4.0" (2.0" light aperture)	
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K, 350	DOK, 4000K
Beam	16°, 32°, 41°	
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal	
Dimming	Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-2 Lutron Hi-lume 1% EcoSystem, 120- Lutron Hi-lume Premier 0.1% EcoSy Lutron Forward Phase 1% 120VAC	277V -277V
Mounting	ProTools downlights require no addi construction. Grid Kit Chicago Plenum Housing IC Housing	itional mounting kits for remodel and new

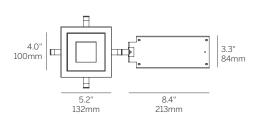


Bezel Trim

WG 100SPTDLF-RPT-SRP

Plaster Trim





4" ProTools DL Downlight

Square Regressed Pinhole Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLF	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRP	OA RSL RSC RSO	16 32 41	W G⁵	LP CP IC

Model

■ WG-100SPTDLF = 4" ProTools DL Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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Finish

Options

Cover

Lens

Beam

■ SRP = Square Regressed Pinhole

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White ■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing



4" ProTools DL Downlight Round Regressed Pinhole Cover

Multiple Beam Options From Regressed Source

- 4" round downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 55°.
- Open aperture, clear lens or high
- transmission diffuser. Luminaire and driver installed and

- maintained from below the ceiling.
- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
- Modular interchangeability throughout the entire ProTools DLX range of products.



16.0"

406mm

8.4"

213mm

WG 100RPTDLF-RPT-RRP

6.5"

165mm

WG 100RPTDLF-RBT-RRP

Plaster Trim

3.6

4.0"

Bezel Trim

3.6" 90mm

100mm

90mm

Product Code	WG 100RPTDLF-RPT-RRP-W WG 100RPTDLF-RBT-RRP-W WG 100RPTDLF-RBT-RRP-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	
Aperture	Ø 4.0" (2.0" light aperture)		
LEDs	90 CRI		
Color Temp	LED available in 2700K, 3000K,	3500К, 4000К	
Beam	16°, 32°, 41°		
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal		1
Dimming	Standard non-dim driver, 120-27 EldoLED, 1%, 0-10V dimming, 12 Lutron Hi-lume 1% EcoSystem, 1 Lutron Hi-lume Premier 0.1% Ec Lutron Forward Phase 1% 120VA	0-277V 120-277V oSystem, 120-277V	
Mounting	ProTools downlights require no a construction. Grid Kit Chicago Plenum Housing	additional mounting kits for remodel and new	

40 3.3" 100mm 5.2" 132mm 8.4" 213mm

14.7" 373mm

4" ProTools DL Downlight Round Regressed Pinhole Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLF	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRP	OA RSL RSC RSO	16 32 41	W G⁵	LP CP IC

Cover

Lens

Beam

Finish

Options

Model

■ WG-100RPTDLF = 4" ProTools DL Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem,

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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IC Housing

- 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

3.3"

8/mm

RRP = Round Regressed Pinhole

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White ■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing



4" ProTools DL Adjustable Square Regressed Cone Cover

WG 100SPTDLA-RPT-SRC-W

WG 100SPTDLA-RBT-SRC-W

WG 100SPTDLA-RBT-SRC-G

Add 'WL' for wet location option

Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

- 4" square downlight with 2" light aperture.
- 0.7" regressed aperture / lens position
- provides good glare control. ■ Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or high
- transmission diffuser. Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver.

Product Code

Aperture

Color Temp

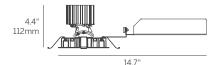
LEDs

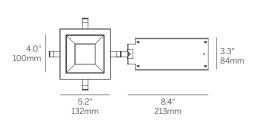
Beam

Diffuser

Dimming

- Plaster Trim White WG 100SPTDLA-RPT-SRC Bezel Trim White Plaster Trim Bezel Trim Grey 44 112mm 16.0" 406mm 4.0 100mn 6.5" 8.4" 165mm 213mm





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4" ProTools DL Adjustable

Square Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Model

■ WG-100SPTDLA = 4" ProTools DL

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

3.3"

8/mm

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

Lens

Beam

- 16 = 16° Beam Angle
- 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

Finish

- W = White

Options

- LP = Landing Pan

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

- 4.0" × 4.0" (2.0" light aperture) 90 CRI LED available in 2700K, 3000K, 3500K, 4000K 16°, 32°, 41° Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal Regressed Satin Clear, Wet Location WG 100SPTDLA-RBT-SRC Regressed Satin Opal, Wet Location Bezel Trim Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V Lutron Forward Phase 1% 120VAC 14.7" 373mm
- Mounting construction. Grid Kit Chicago Plenum Housing IC Housing

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ProTools downlights require no additional mounting kits for remodel and new

■ Mounts in 1/16" to 1" surface.

the ceiling (integral driver).

■ Tilt 40°, Rotation 365°.

■ Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below

 Modular interchangeability throughout the entire ProTools DLX range of products.

Wet Location as standard option (WL).

■ SRC = Square Regressed Cone

OA = Open Aperture RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

RSO = Regressed Satin Opal

• $G = Gray^5$

ProTools downlights require no additional options kits for remodel & new construction CP = Chicago Plenum Housing ■ IC = IC/NC Housing WL = Wet Location



4" ProTools DL Adjustable

Round Regressed Cone Cover

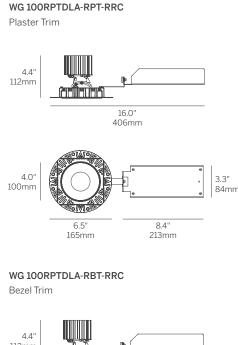
Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

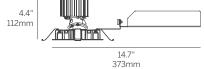
- 4" round downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver.

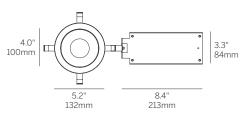
- Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
- Modular interchangeability throughout the entire ProTools DLX range of products.
- Wet Location as standard option (WL).
- Tilt 40°, Rotation 365°.

Product Code	WG 100RPTDLA-RPT-RRC-WPlaster Trim WhiteWG 100RPTDLA-RBT-RRC-WBezel Trim WhiteWG 100RPTDLA-RBT-RRC-GBezel Trim Grey	WG 100 Plaster T
	Add 'WL' for wet location option	4.4"
Aperture	Ø 4.0" (2.0" light aperture)	112mm
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K, 3500K, 4000K	
Beam	16°, 32°, 41°	4.0" 100mm
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal Regressed Satin Clear, Wet Location Regressed Satin Opal, Wet Location	WG 100
	Regressed Satin Opal, wet Location	Bezel Tri
Dimming	Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V Lutron Forward Phase 1% 120VAC	4.4" 112mm
Mounting	ProTools downlights require no additional mounting kits for remodel and new construction. Grid Kit	I









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4" ProTools DL Adjustable

Round Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Cover

Lens

Beam

Finish

Options

Model

■ WG-100SPTDLA = 4" ProTools DL Adjustable

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA ■ XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

IC Housing

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RRC = Round Regressed Cone

OA = Open Aperture RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White • $G = Gray^5$

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing ■ WL = Wet Location



4" ProTools DL Adjustable Square Regressed Pinhole Cover

WG 100SPTDLA-RPT-SRP-W

WG 100SPTDLA-RBT-SRP-W

Chicago Plenum Housing

IC Housing

Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

- 4" square downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°. Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.

Product Code

■ Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below

WG 100SPTDLA-RPT-SRP

6.5"

165mm

WG 100SPTDLA-RBT-SRP

Plaster Trim

4.4" 112mm

4.0

Bezel Trim

4.4 112mm

100mm



16.0"

406mm

8.4"

213mm



Square Regressed Pinhole Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRP	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC

Cover

Lens

Beam

Finish

Options

Model

■ WG-100SPTDLA = 4" ProTools DL Adjustable

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

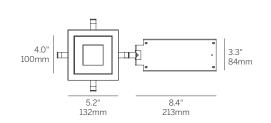
- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

3.3"

8/mm



14.7" 373mm

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

	WG 100SPTDLA-RBT-SRP-G Bezel	Frim Grey
Aperture	4.0" × 4.0" (2.0" light aperture)	
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K, 3500K,	4000K
Beam	16°, 32°, 41°	
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal	
Dimming	Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem Lutron Forward Phase 1% 120VAC	
Mounting	ProTools downlights require no additiona construction. Grid Kit	I mounting kits for remodel and new

■ Integral or remote driver. ■ Mounts in 1/16" to 1" surface.

■ Tilt 40°, Rotation 365°.

Plaster Trim White

Bezel Trim White

the ceiling (integral driver).

Modular interchangeability throughout the

entire ProTools DLX range of products.

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■ SRP = Square Regressed Pinhole

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White ■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing



4" ProTools DL Adjustable Round Regressed Pinhole Cover

WG 100RPTDLA-RPT-RRP-W

WG 100RPTDLA-RBT-RRP-W

WG 100RPTDLA-RBT-RRP-G

LED available in 2700K, 3000K, 3500K,

Standard non-dim driver, 120-277V

Lutron Forward Phase 1% 120VAC

EldoLED, 1%, 0-10V dimming, 120-277V

Lutron Hi-lume 1% EcoSystem, 120-277V

Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V

ProTools downlights require no additional mounting kits for remodel and new

Ø 4.0" (2.0" light aperture)

90 CRI

16°, 32°, 41°

Open Aperture

construction. Grid Kit

IC Housing

Chicago Plenum Housing

Regressed Solite Lens

Regressed Satin Clear

Regressed Satin Opal

Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

- 4" round downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°. Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.

Product Code

Aperture

Color Temp

LEDs

Beam

Diffuser

Dimming

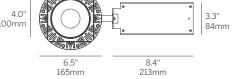
Mounting

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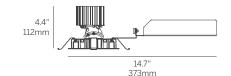
- Integral or remote driver. ■ Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver).
- Modular interchangeability throughout the entire ProTools DLX range of products.
- Tilt 40°, Rotation 365°.

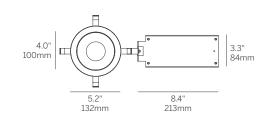


Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100RPTDLA-RPT-RRP Plaster Trim
	4.4" 112mm
3500К, 4000К	16.0" 406mm
	4.0"



WG 100RPTDLA-RBT-RRP Bezel Trim





4" ProTools DL Adjustable Round Regressed Pinhole Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLA	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRP	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC

Cover

Lens

Beam

Finish

Options

Model

■ WG-100RPTDLA = 4" ProTools DL Adjustable

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.



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RRP = Round Regressed Pinhole

■ OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

W = White • $G = Gray^5$

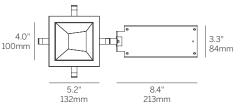
ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing



4" ProTools DL Adjustable Square Asymmetric Cover

Asymm With Wi

Square A	symmetric Cover		
-	r For Minimum Beam Clipping Optics And Higher Angle Focusing		Mar.
 0.7 regressed a provides good Beam Angle: Va Asymmetric co clipping when t Open aperture, transmission d Luminaire and 	arious over to minimize beam iilted. , clear lens or high	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 40°, Rotation 365°. Wet Location as standard option (WL). 	
Product Code	WG 100SPTDLA-RPT-SAC-W WG 100SPTDLA-RBT-SAC-W WG 100SPTDLA-RBT-SAC-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100SPTDLA-RPT-SAC Plaster Trim
	Add 'WL' for wet location option		4.4"
Aperture	4.0" × 4.0" (2.0" light aperture)		
LEDs	90 CRI		406mm
Color Temp	LED available in 2700K, 3000K	, 3500К, 4000К	
Beam	16°, 32°, 41°		4.0" 100mm
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal		818/####1618###165 6.5" 8.4" 165mm 213mm
	Regressed Satin Clear, Wet Loca Regressed Satin Opal, Wet Loca		WG 100SPTDLA-RBT-SAC Bezel Trim
Dimming	Standard non-dim driver, 120-2 EldoLED, 1%, 0-10V dimming, 12 Lutron Hi-lume 1% EcoSystem, Lutron Hi-lume Premier 0.1% Ec Lutron Forward Phase 1% 120V	20-277V 120-277V coSystem, 120-277V	4.4" 112mm
Mounting	ProTools downlights require no construction. Grid Kit	additional mounting kits for remodel and new	373mm



4" ProTools DL Adjustable

Square Asymmetric Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SAC	OA RSL RSC RSO	16 32 41	W G⁵	LP CP IC WL

Model

■ WG-100SPTDLA = 4" ProTools DL Adjustable

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)

- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

Chicago Plenum Housing

IC Housing

Lens

Cover

- RSL = Regressed Solite Lens
- RSC = Regressed Satin Clear

Beam

Finish

- 927 = 2700K, (720/999/1344/1884 lm)

■ 930 = 3000K, (775/1075/1447/2027 lm)

- Options
- DFPN = Lutron Forward Phase 1% 120VAC

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■ SAC = Square Asymmetric Cone

OA = Open Aperture

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White ■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing ■ WL = Wet Location



4" ProTools DL Adjustable Round Asymmetric Cover

Asymmetric Cover For Minimum Beam Clipping With Wider Angle Optics And Higher Angle Focusing

Product Code

Aperture

Color Temp

LEDs

Beam

- 4" round downlight with 2" light aperture. Integral or remote driver. ■ Mounts in 1/16" to 1" surface. 0.7" regressed aperture / lens position provides good glare control. ■ Minimum of 5.5" (127mm) ceiling void is Beam Angle: Various required to install the fixture from below Asymmetric cover to minimize beam the ceiling (integral driver). clipping when tilted. Modular interchangeability throughout the Open aperture, clear lens or high entire ProTools DLX range of products. Tilt 40°, Rotation 365°. transmission diffuser. Luminaire and driver installed and Wet Location as standard option (WL). maintained from below the ceiling. WG 100RPTDLA-RPT-RAC-W Plaster Trim White WG 100RPTDLA-RPT-RAC WG 100RPTDLA-RBT-RAC-W Bezel Trim White Plaster Trim WG 100RPTDLA-RBT-RAC-G Bezel Trim Grey Add 'WL' for wet location option 44 112mn Ø 4.0" (2.0" light aperture) 16.0' 406mm 90 CRI LED available in 2700K, 3000K, 3500K, 4000K 4.0 16°, 32°, 41° 100mm
- Open Aperture Diffuser Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal Regressed Satin Clear, Wet Location Regressed Satin Opal, Wet Location Standard non-dim driver, 120-277V Dimming
- EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V Lutron Forward Phase 1% 120VAC
- Mounting ProTools downlights require no additional mounting kits for remodel and new construction. Grid Kit Chicago Plenum Housing IC Housing

4" ProTools DL Adjustable Round Asymmetric Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLA	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RAC	OA RSL RSC RSO	16 32 41	W G⁵	LP CP IC WL

Cover

Lens

Beam

Finish

Options

Model

■ WG-100RPTDLA = 4" ProTools DL Adjustable

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

3.3"

3.3"

8.4"

213mm

14.7" 373mm

8/mm

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

5.2" 132mm

6.5"

165mm

WG 100RPTDLA-RBT-RAC

Bezel Trim

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8.4" 213mm W = White ■ G = Gray⁵

■ RAC = Round Asymmetric Cone

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle ■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

ProTools downlights require no additional options kits for remodel & new construction ■ LP = Landing Pan CP = Chicago Plenum Housing ■ IC = IC/NC Housing WL = Wet Location



4" ProTools DLX Downlight Square Regressed Cone Cover

Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

 Regressed aper good glare cont Beam Angle: Va Open aperture, accessory lense No light leak or below due to a Luminaire and of 	rious, Cut Off: 35°. clear lens or optical	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 45°, Rotation 365°. Wet Location option as standard (WL). 	
Product Code	WG 100SPTDLX-RPT-SRC-W WG 100SPTDLX-RBT-SRC-W WG 100SPTDLX-RBT-SRC-G Add 'WL' for wet location option	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100SPTDLX-RPT-SRC Plaster Trim
Aperture	4.0" × 4.0" (2.0" light aperture)		132mm
LEDs	90 CRI, 95 CRI		16.0" 406mm
Color Temp	LED available in 2700K, 3000K,	3500К, 4000К	2120102100102102
Beam	16°, 32°, 41°		4.0"
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal Regressed Satin Clear, Wet Loca Regressed Satin Opal, Wet Local		
Dimming	Standard non-dim driver, 120-27 EldoLED, 1%, 0-10V dimming, 12 Lutron Hi-lume 1% EcoSystem, 1 Lutron Hi-lume Premier 0.1% Ec Lutron Forward Phase 1% 120VA	0-277V 120-277V oSystem, 120-277V	5.2" 132mm
Mounting	ProTools downlights require no a construction. Grid Kit Chicago Plenum Housing IC Housing	additional mounting kits for remodel and new	4.0" 4.0"

4" ProTools DLX Downlight

Square Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Lens

Beam

Finish

Options

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

90+ CRI (Low/Medium/High/Extra High)

- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

- Driver⁴ ■ X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ SRC = Square Regressed Cone

■ SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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. 3.3" **.** 84mm

。 3.3" 84mm



OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle

■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White • $G = Gray^5$

ProTools downlights require no additional options kits

for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

Up to 3 lenses and/or accessories can be added to the

Optical Accessory Holder

SN = Snoot

HX = Hex Louver

■ FG = Frosted Glass

■ LS = Linear Spread Lens



4" ProTools DLX Downlight Square Regressed Cone Cover - Narrow / Zoom

Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

 Regressed apergood glare congood glare congoo	y beam and zoom options. e, clear lens or optical	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 45°, Rotation 365°. Wet Location option as standard (WL). 	
Product Code	WG 100SPTDLX-RPT-SRC-W WG 100SPTDLX-RBT-SRC-W WG 100SPTDLX-RBT-SRC-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100SPTDLX-RPT-SRC Plaster Trim
	Add 'WL' for wet location option	1	5.2" 132mm
Aperture	4.0" × 4.0" (2.0" light aperture)		
LEDs	90 CRI, 95 CRI		16.0" 406mm
Color Temp	LED available in 2700K, 3000K	, 3500К, 4000К	8 2 19 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
Beam	8º (Narrow), 19º-31º (Zoom)		4.0" 100mm
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal Regressed Satin Clear, Wet Loc:	ation	6.5" 8.4" 6.5" 8.4" 165mm 213mm
	Regressed Satin Opal, Wet Loca		WG 100SPTDLX-RBT-SRC Bezel Trim
Dimming	Standard non-dim driver, 120-2 EldoLED, 1%, 0-10V dimming, 1 Lutron Hi-lume 1% EcoSystem, Lutron Hi-lume Premier 0.1% E Lutron Forward Phase 1% 120V	20-277V 120-277V coSystem, 120-277V	5.2" 132mm 14.7" 373mm
Mounting	ProTools downlights require no construction. Grid Kit Chicago Plenum Housing IC Housing	additional mounting kits for remodel and new	4.0"

4" ProTools DLX Downlight

Square Regressed Cone Cover - Narrow / Zoom

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRC	OA RSL RSC RSO	8 (Narrow) 19-31 (Zoom)	W G ⁵	LP CP IC WL

Lens

Beam

Finish

Options

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ SRC = Square Regressed Cone

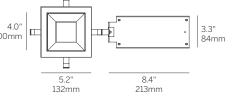
Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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3.3" 84mm



Design Guide

OA = Open Aperture

- RSL = Regressed Solite Lens
- RSC = Regressed Satin Clear
- RSO = Regressed Satin Opal

■ 8 = 8° Beam Angle (Narrow) ■ 19-31 = 19-31° Beam Angle (Zoom)

W = White ■ G = Gray⁵

ProTools downlights require no additional options kits

- for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

- Up to 3 lenses and/or accessories can be added to the
- Optical Accessory Holder
- SN = Snoot
- HX = Hex Louver ■ FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens



4" ProTools DLX Downlight Round Regressed Cone Cover

Full Featured With Accessory Holder And Ceiling

Void Light Leak Hood

	4" round o	downlight with	n 2" light aperture.	
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- Regressed aperture / lens position provides
- good glare control. ■ Beam Angle: Various, Cut Off: 25°.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.

Product Code	WG 100RPTDLX-RPT-RRC-W	Plaster Trim White	WG 100RPTDLX-RPT-RRC
	WG 100RPTDLX-RBT-RRC-W	Bezel Trim White	Plaster Trim
	WG 100RPTDLX-RBT-RRC-G	Bezel Trim Grey	
	Add 'WL' for wet location option		5.2"
			132mm
Aperture	Ø 4.0" (2.0" light aperture)		
			16.0"
LEDs	90 CRI, 95 CRI		406mm
Color Temp	LED available in 2700K, 3000K,	3500K, 4000K	
_			4.0"
Beam	16°, 32°, 41°		100mm
Diff			
Diffuser	Open Aperture		6.5" 8.4"
	Regressed Solite Lens		0.5 0.4 165mm 213mm
	Regressed Satin Clear		
	Regressed Satin Opal		
	Regressed Satin Clear, Wet Loca		WG 100RPTDLX-RBT-RRC
	Regressed Satin Opal, Wet Locat	ion	Bezel Trim
Dimming	Standard non-dim driver, 120-27		
	EldoLED, 1%, 0-10V dimming, 12		5.2"
	Lutron Hi-lume 1% EcoSystem, 1		132mm
	Lutron Hi-lume Premier 0.1% Ec	oSystem, 120-277V	
	Lutron Forward Phase 1% 120VA	NC .	14.7"
			373mm
Mounting		additional mounting kits for remodel and new	
	construction.		E
	Grid Kit		
	Chicago Plenum Housing		$4.0^{"}$ $\Box = \left(\left(\bigcirc \right) \right) \Box = 5$
	IC Housing		

Integral or remote driver.

■ Mounts in 1/16" to 1" surface.

the ceiling (integral driver).

■ Tilt 45°, Rotation 365°.

Minimum of 5.5" (127mm) ceiling void is

required to install the fixture from below

Modular interchangeability throughout the

entire ProTools DLX range of products.

Wet Location option as standard (WL).

4" ProTools DLX Downlight Round Regressed Cone Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Lens

Beam

Finish

Model

■ WG-100RPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

90+ CRI (Low/Medium/High/Extra High)

- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V

- 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ RRC = Round Regressed Cone

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

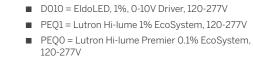
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- Optical Accessory Holder ■ SN = Snoot

 - HX = Hex Louver

Options



Design Guide

5.2" 132mm

8.4" 213mm

3.3" 84mm

3.3"

8/mm

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle

■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White ■ G = Gray⁵

ProTools downlights require no additional options kits

for remodel & new construction

LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

Up to 3 lenses and/or accessories can be added to the

■ FG = Frosted Glass

■ LS = Linear Spread Lens

■ SOL = Solite Lens



4" ProTools DLX Downlight Round Regressed Cone Cover - Narrow / Zoom

Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

	4" round downlight with 2" light aperture	э.
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- Regressed aperture / lens position provides good glare control.
- 8° very narrow beam and zoom options.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.

Product Code	WG 100RPTDLX-RPT-RRC-WPlaster Trim WhiteWG 100RPTDLX-RBT-RRC-WBezel Trim WhiteWG 100RPTDLX-RBT-RRC-GBezel Trim Grey	WG 100RPTDLX-RPT-RRC Plaster Trim
	Add 'WL' for wet location option	5.2"
Aperture	Ø 4.0" (2.0" light aperture)	
LEDs	90 CRI, 95 CRI	16.0 406mm
Color Temp	LED available in 2700K, 3000K, 3500K, 4000K	
Beam	8° (Narrow) , 19°-31° (Zoom)	4.0" 100mm
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal	6.5" 8.4" 165mm 213mm
	Regressed Satin Clear, Wet Location Regressed Satin Opal, Wet Location	WG 100RPTDLX-RBT-RRC Bezel Trim
Dimming	Standard non-dim driver, 120-277V EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V Lutron Forward Phase 1% 120VAC	5.2" 132mm
Mounting	ProTools downlights require no additional mounting kits for remodel and new construction. Grid Kit Chicago Plenum Housing IC Housing	4.0" 100mm

Integral or remote driver.

■ Mounts in 1/16" to 1" surface.

the ceiling (integral driver).

■ Tilt 45°, Rotation 365°.

Minimum of 5.5" (127mm) ceiling void is

required to install the fixture from below

Modular interchangeability throughout the

entire ProTools DLX range of products.

Wet Location option as standard (WL).

4" ProTools DLX Downlight

Round Regressed Cone Cover - Narrow / Zoom

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRC	OA RSL RSC RSO	8 (Narrow) 19-31 (Zoom)	W G⁵	LP CP IC WL

Lens

Beam

Finish

Options

Model

■ WG-100RPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

90+ CRI (Low/Medium/High/Extra High)

- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ RRC = Round Regressed Cone

■ LS = Linear Spread Lens ■ SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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5.2" 132mm

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84" 213mm 3.3"

8/mm

3.3" 84mm

OA = Open Aperture

- RSL = Regressed Solite Lens
- RSC = Regressed Satin Clear
- RSO = Regressed Satin Opal

■ 8 = 8° Beam Angle (Narrow) ■ 19-31 = 19-31° Beam Angle (Zoom)

W = White • $G = Gray^5$

ProTools downlights require no additional options kits

- for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- \blacksquare IC = IC/NC Housing
- WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

- Up to 3 lenses and/or accessories can be added to the
- Optical Accessory Holder
- SN = Snoot
- HX = Hex Louver
- FG = Frosted Glass



4" ProTools DLX Downlight Square Regressed Pinhole Cover

Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

 Regressed apergood glare congood glare congoo	arious, Cut Off: 35°. , clear lens or optical	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 45°, Rotation 365°. 	
Product Code	WG 100SPTDLX-RPT-SRP-W WG 100SPTDLX-RBT-SRP-W WG 100SPTDLX-RBT-SRP-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100SPTDLX-RPT-SRP Plaster Trim
Aperture	4.0" × 4.0" (2.0" light aperture)		5.2" 132mm
LEDs	90 CRI, 95 CRI		
Color Temp	LED available in 2700K, 3000K	х, 3500К, 4000К	16.0 406r
Beam	16°, 32°, 41°		8) 211W11 811W112 B
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal		4.0" 100mm 100
Dimming	Standard non-dim driver, 120-2 EldoLED, 1%, 0-10V dimming, 1 Lutron Hi-lume 1% EcoSystem, Lutron Hi-lume Premier 0.1% E Lutron Forward Phase 1% 120V	20-277V , 120-277V .coSystem, 120-277V	WG 100SPTDLX-RBT-SRP Bezel Trim
Mounting	ProTools downlights require no construction. Grid Kit Chicago Plenum Housing IC Housing	additional mounting kits for remodel and new	5.2" 132mm
			<u> </u>



5.2" 132mm

14.7" 373mm

16.0"

406mm

8.4"

213mm

8.4" 213mm

3.3"

3.3"

8/mm



Square Regressed Pinhole Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRP	OA RSL RSC RSO	16 32 41 8 19-31 (Zoom)	W G ⁵	LP CP IC

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately

- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem,

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

Design Guide 82-85

- Lens

Beam

- 8 = 8° Beam Angle

Finish ■ W = White

Options

- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ SRP = Square Regressed Pinhole

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle

■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ 19-31 = 19-31° Beam Angle (Zoom)

■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

Optical Accessory Holder (Must be ordered separately)

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder

■ SN = Snoot

■ HX = Hex Louver

■ FG = Frosted Glass

■ LS = Linear Spread Lens

■ SOL = Solite Lens



4" ProTools DLX Downlight Square Regressed Pinhole Cover - Narrow / Zoom

Integral or remote driver.

■ Tilt 45°, Rotation 365°.

Plaster Trim White

Bezel Trim White

Bezel Trim Grey

■ Mounts in 1/16" to 1" surface.

the ceiling (integral driver).

■ Minimum of 5.5" (127mm) ceiling void is

required to install the fixture from below

Modular interchangeability throughout the

entire ProTools DLX range of products.

Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" square downlight with 2" light aperture. Regressed aperture / lens position provides
- good glare control. ■ 8° very narrow beam and zoom options.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.

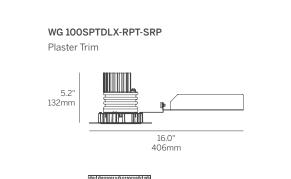
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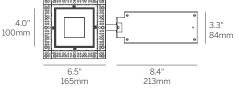
Aperture

Color Temp

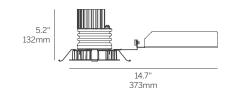
LEDs

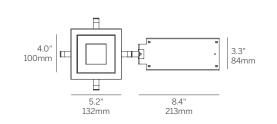






WG 100SPTDLX-RBT-SRP Bezel Trim





4" ProTools DLX Downlight

Square Regressed Pinhole Cover - Narrow / Zoom

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRP	OA RSL RSC RSO	8 (Narrow) 19-31 (Zoom)	W G⁵	LP CP IC

Beam

Finish

Options

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA
- \blacksquare G = Grav⁵

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

SN = Snoot ■ HX = Hex Louver ■ FG = Frosted Glass

■ SRP = Square Regressed Pinhole

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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- LED available in 2700K, 3000K, 3500K, 4000K
- 8º (Narrow), 19º-31º (Zoom) Beam Diffuser Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal

90 CRI, 95 CRI

Standard non-dim driver, 120-277V Dimming EldoLED, 1%, 0-10V dimming, 120-277V Lutron Hi-lume 1% EcoSystem, 120-277V Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V Lutron Forward Phase 1% 120VAC

WG 100SPTDLX-RPT-SRP-W

WG 100SPTDLX-RBT-SRP-W

WG 100SPTDLX-RBT-SRP-G

4.0" × 4.0" (2.0" light aperture)

Mounting ProTools downlights require no additional mounting kits for remodel and new construction. Grid Kit Chicago Plenum Housing IC Housing

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Design Guide 82-85

Lens

■ OA = Open Aperture

- RSL = Regressed Solite Lens
- RSC = Regressed Satin Clear
- RSO = Regressed Satin Opal

■ 8 = 8° Beam Angle (Narrow) ■ 19-31 = 19-31° Beam Angle (Zoom)

W = White

- ProTools downlights require no additional options kits
- for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- \blacksquare IC = IC/NC Housing

Optical Accessory Holder (Must be ordered separately)

- Up to 3 lenses and/or accessories can be added to the
- Optical Accessory Holder
- LS = Linear Spread Lens
- SOL = Solite Lens



4" ProTools DLX Downlight Round Regressed Pinhole Cover

Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

 Regressed apert good glare contri Beam Angle: Var Open aperture, c accessory lenses No light leak or v below due to a ui Luminaire and du 	ious, Cut Off: 30°. :lear lens or optical	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 45°, Rotation 365°. 	
Product Code	WG 100RPTDLX-RPT-RRP-W WG 100RPTDLX-RBT-RRP-W WG 100RPTDLX-RBT-RRP-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100RPTDLX-RPT-RRP Plaster Trim
Aperture	Ø 4.0" (2.0" light aperture)		5.2"
LEDs	90 CRI, 95 CRI		
Color Temp	LED available in 2700K, 3000K	, 3500K, 4000K	406n
Beam	16°, 32°, 41°		
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal		4.0" 100mm
Dimming	Standard non-dim driver, 120-2 EldoLED, 1%, 0-10V dimming, 12 Lutron Hi-lume 1% EcoSystem, Lutron Hi-lume Premier 0.1% E Lutron Forward Phase 1% 120V	20-277V 120-277V coSystem, 120-277V	WG 100RPTDLX-RBT-RRP Bezel Trim
Mounting	ProTools downlights require no construction. Grid Kit Chicago Plenum Housing IC Housing	additional mounting kits for remodel and new	5.2" 132mm



4.0

100mm

14.7" 373mm

16.0"

406mm

8.4"

213mm

8.4" 213mm

3.3"

3.3"

8/mm

4" ProTools DLX Downlight Round Regressed Pinhole Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRP	OA RSL RSC RSO	16 32 41 8 19-31 (Zoom)	W G ⁵	LP CP IC

Lens

Beam

Finish

Options

Model

■ WG-100RPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

RRP = Round Regressed Pinhole

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.



- FG = Frosted Glass
- SOL = Solite Lens

5.2" 132mm

Design Guide 90-93

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle

■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ 8 = 8° Beam Angle

■ 19-31 = 19-31° Beam Angle (Zoom)

■ W = White ■ G = Gray⁵

ProTools downlights require no additional options kits for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

Optical Accessory Holder (Must be ordered separately)

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder

■ SN = Snoot

■ HX = Hex Louver

■ LS = Linear Spread Lens



4" ProTools DLX Downlight Round Regressed Pinhole Cover - Narrow / Zoom

Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

 Regressed ape good glare cor 8° very narrow Open aperture accessory lens No light leak o below due to a Luminaire and 	v beam and zoom options. e, clear lens or optical	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 45°, Rotation 365°. 			
Product Code	WG 100RPTDLX-RPT-RRP-W WG 100RPTDLX-RBT-RRP-W WG 100RPTDLX-RBT-RRP-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100RPTDLX-RPT-RRP Plaster Trim		
Aperture	Ø 4.0" (2.0" light aperture)		5.2"		
LEDs	90 CRI, 95 CRI				
Color Temp	LED available in 2700K, 3000K	16.0 406n			
Beam	8º (Narrow) , 19º-31º (Zoom)				
Diffuser	Open Aperture Regressed Solite Lens Regressed Satin Clear Regressed Satin Opal		4.0" 100mm		
Dimming	Standard non-dim driver, 120-2 EldoLED, 1%, 0-10V dimming, 1 Lutron Hi-lume 1% EcoSystem, Lutron Hi-lume Premier 0.1% E Lutron Forward Phase 1% 120V	20-277V 120-277V coSystem, 120-277V	WG 100RPTDLX-RBT-RRP Bezel Trim		
Mounting	ProTools downlights require no construction. Grid Kit Chicago Plenum Housing IC Housing	additional mounting kits for remodel and new	132mm		



16.0"

406mm

8.4"

213mm

4" ProTools DLX Downlight

Round Regressed Pinhole Cover - Narrow / Zoom

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRP	OA RSL RSC RSO	8 (Narrow) 19-31 (Zoom)	W G⁵	LP CP IC

Lens

Beam

Finish

Options

Model

■ WG-100RPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA

■ G = Gray⁵

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem,
- DFPN = Lutron Forward Phase 1% 120VAC
- RRP = Round Regressed Pinhole

■ HX = Hex Louver ■ FG = Frosted Glass

Whitegoods reserves the right to change any information without prior notice.

Notes

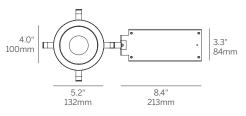
- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

90-93

- 120-277V Cover

3.3"

8/mm



14.7" 373mm

Design Guide

OA = Open Aperture

- RSL = Regressed Solite Lens
- RSC = Regressed Satin Clear
- RSO = Regressed Satin Opal

■ 8 = 8° Beam Angle (Narrow) ■ 19-31 = 19-31° Beam Angle (Zoom)

W = White

- ProTools downlights require no additional options kits
- for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Optical Accessory Holder (Must be ordered separately)

- Up to 3 lenses and/or accessories can be added to the
- Optical Accessory Holder
- SN = Snoot
- LS = Linear Spread Lens
- SOL = Solite Lens



4" ProTools DLX Downlight Square Asymmetric Cover

Asymmetric Cover For Minimum Beam Clipping With Wider Angle Optics And Higher Angle Focusing

 4" square downlight with 2" light aperture. Regressed aperture / lens position provides good glare control. Beam Angle: Various 8° very narrow beam and zoom options. Open aperture, clear lens or optical accessory lenses. No light leak or view into ceiling void from below due to a unique light leak hood. Luminaire and driver installed and maintained from below the ceiling. 		 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 35°, Rotation 365°. Wet Location option as standard (WL). 			
Product Code	WG 100SPTDLX-RPT-SAC-W WG 100SPTDLX-RBT-SAC-W WG 100SPTDLX-RBT-SAC-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100SPTDLX-RPT-SAC Plaster Trim		
	Add 'WL' for wet location option	1	5.2" 132mm		
Aperture	4.0" × 4.0" (2.0" light aperture)				
LEDs	90 CRI, 95 CRI		16.0" 406mm		
Color Temp	LED available in 2700K, 3000K	81 S11W11 S11W11 S			
Beam	16°, 32°, 41°		4.0"		
Diffuser	Open Aperture		a 311A11811A118		
	Regressed Solite Lens		6.5" 165mm		
	Regressed Satin Clear		10511111		
	Regressed Satin Opal				
	Regressed Satin Clear, Wet Loc	WG 100SPTDLX-RBT-SAC			
	Regressed Satin Opal, Wet Loca	ation	Bezel Trim		
Dimming	Standard non-dim driver, 120-2	77V			
	EldoLED, 1%, 0-10V dimming, 1	5.2"			
	Lutron Hi-lume 1% EcoSystem,	132mm			
	Lutron Hi-lume Premier 0.1% E				
	Lutron Forward Phase 1% 120V	AC			
Mounting		additional mounting kits for remodel and new	0,01111		
	construction.		<u> </u>		
	Grid Kit				
	Chicago Plenum Housing		4.0" 100mm		
	IC Housing				



4" ProTools DLX Downlight

Square Asymmetric Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SAC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Lens

Beam

Finish

Options

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ SAC = Square Asymmetric Cone

■ SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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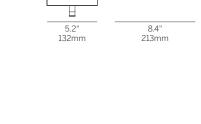
3.3"

3.3" 84mm

8.4"

213mm

8/mm



OA = Open Aperture

RSL = Regressed Solite Lens

■ RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle

■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White • $G = Gray^5$

ProTools downlights require no additional options kits

for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

Up to 3 lenses and/or accessories can be added to the

Optical Accessory Holder

SN = Snoot

HX = Hex Louver

■ FG = Frosted Glass

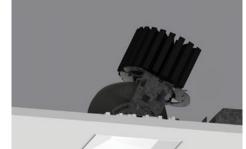
■ LS = Linear Spread Lens



4" ProTools DLX Downlight Square Asymmetric Cover - Narrow / Zoom

Asymmetric Cover For Minimum Beam Clipping With Wider Angle Optics And Higher Angle Focusing

 Regressed aper good glare cont 8° very narrow Open aperture, accessory lenss No light leak or below due to a Luminaire and 	beam and zoom options. clear lens or optical	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 35°, Rotation 365°. Wet Location option as standard (WL). 	
Product Code	WG 100SPTDLX-RPT-SAC-W	Plaster Trim White	WG 100SPTDLX-RPT-SAC
	WG 100SPTDLX-RBT-SAC-W WG 100SPTDLX-RBT-SAC-G	Bezel Trim White Bezel Trim Grey	Plaster Trim
	Add 'WL' for wet location option	-	5.2"
Aperture	4.0" × 4.0" (2.0" light aperture)		
LEDs	90 CRI, 95 CRI		
Color Temp	LED available in 2700K, 3000K	3500K, 4000K	
Beam	8º (Narrow) , 19º-31º (Zoom)		4.0" 100mm
Diffuser	Open Aperture		
	Regressed Solite Lens		6.5"
	Regressed Satin Clear		165mm
	Regressed Satin Opal		
	Regressed Satin Clear, Wet Loca	ation	WG 100SPTDLX-RBT-SAC
	Regressed Satin Opal, Wet Loca	tion	Bezel Trim
Dimming	Standard non-dim driver, 120-2	77V	
	EldoLED, 1%, 0-10V dimming, 12	20-277V	5.2"
	Lutron Hi-lume 1% EcoSystem,		132mm
	Lutron Hi-lume Premier 0.1% E		
	Lutron Forward Phase 1% 120V	AC	
Mounting	ProTools downlights require no	additional mounting kits for remodel and new	
	construction.		R



4" ProTools DLX Downlight

Square Asymmetric Cover - Narrow / Zoom

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SAC	OA RSL RSC RSO	8 (Narrow) 19-31 (Zoom)	W G⁵	LP CP IC WL

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- M = Mid Power, 5.8W @ 500mA

■ G = Gray⁵

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ SAC = Square Asymmetric Cone

- FG = Frosted Glass

Whitegoods reserves the right to change any information without prior notice.

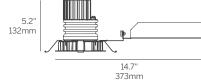
Notes

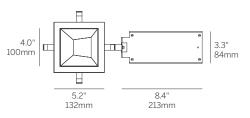
- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

82-86

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- construction. Grid Kit Chicago Plenum Housing IC Housing





Design Guide

- LS = Linear Spread Lens ■ SOL = Solite Lens

Lens

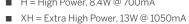
Beam

Finish

Options

■ L = Low Power, 4W @ 350mA

■ H = High Power, 8.4W @ 700mA





8/mm 8.4" nm 213mm

16.0" 406mm

OA = Open Aperture

- RSL = Regressed Solite Lens
- RSC = Regressed Satin Clear
- RSO = Regressed Satin Opal

■ 8 = 8° Beam Angle (Narrow) ■ 19-31 = 19-31° Beam Angle (Zoom)

W = White

ProTools downlights require no additional options kits

- for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- \blacksquare IC = IC/NC Housing
- WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

- Up to 3 lenses and/or accessories can be added to the
- Optical Accessory Holder
- SN = Snoot
- HX = Hex Louver



4" ProTools DLX Downlight Round Asymmetric Cover

Asymmetric Cover For Minimum Beam Clipping With Wider Angle Optics And Higher Angle Focusing

Main Maci Angle		•	
 Regressed apergood glare congood glare congood glare congood glare. Beam Angle: V Open aperture accessory lens No light leak of below due to a below due to a glare. 	arious , clear lens or optical ;es. r view into ceiling void from unique light leak hood. driver installed and maintained	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 35°, Rotation 365°. Wet Location option as standard (WL). 	
Product Code	WG 100RPTDLX-RPT-RAC-W	Plaster Trim White	WG 100RPTDLX-RPT-RAC
	WG 100RPTDLX-RBT-RAC-W WG 100RPTDLX-RBT-RAC-G	Bezel Trim White Bezel Trim Grey	Plaster Trim
	WG 100RF IDEA-RDI-RAC-G	bezer min Grey	
	Add 'WL' for wet location option	1	5.2"
Aperture	Ø 4.0" (2.0" light aperture)		
LEDs	90 CRI, 95 CRI		16.0" 406mm
Color Temp	LED available in 2700K, 3000K	, 3500К, 4000К	
Beam	16°, 32°, 41°		4.0"
Diff			
Diffuser	Open Aperture Regressed Solite Lens		6.5"
	Regressed Satin Clear		165mm
	Regressed Satin Opal		
	Regressed Satin Clear, Wet Loc	ation	WG 100RPTDLX-RBT-RAC
	Regressed Satin Opal, Wet Loca	ation	Bezel Trim
Dimming	Standard non-dim driver, 120-2	77V	
	EldoLED, 1%, 0-10V dimming, 1		5.2"
	Lutron Hi-lume 1% EcoSystem		132mm
	Lutron Hi-lume Premier 0.1% E	-	
	Lutron Forward Phase 1% 120V	AC	14.7" 373mr
Mounting		additional mounting kits for remodel and new	_
	construction. Grid Kit		H
	Grid Kit Chicago Plenum Housing		4.0"
	IC Housing		
	10 HOUSING		



4" ProTools DLX Downlight

Round Asymmetric Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SAC	OA RSL RSC RSO	16 32 41	W G ⁵	LP CP IC WL

Lens

Beam

Finish

Options

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ SAC = Square Asymmetric Cone

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

5.2" 132mm

Design Guide 82-86

3.3"

3.3" 84mm

8.4"

213mm

8.4" 213mm 84mm

- SN = Snoot
 - - SOL = Solite Lens

OA = Open Aperture

RSL = Regressed Solite Lens

RSC = Regressed Satin Clear

■ RSO = Regressed Satin Opal

■ 16 = 16° Beam Angle

■ 32 = 32° Beam Angle

■ 41 = 41° Beam Angle

■ W = White • $G = Gray^5$

ProTools downlights require no additional options kits

for remodel & new construction

■ LP = Landing Pan

■ CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

Up to 3 lenses and/or accessories can be added to the

Optical Accessory Holder

HX = Hex Louver

■ FG = Frosted Glass

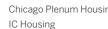
■ LS = Linear Spread Lens



4" ProTools DLX Downlight Round Asymmetric Cover - Narrow / Zoom

Asymmetric Cover For Minimum Beam Clipping With Wider Angle Optics And Higher Angle Focusing

 Regressed ape good glare con 8° very narrow Open aperture, accessory lens No light leak or below due to a 	beam and zoom options. clear lens or optical es. view into ceiling void from unique light leak hood. driver installed and maintained	 Integral or remote driver. Mounts in 1/16" to 1" surface. Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (integral driver). Modular interchangeability throughout the entire ProTools DLX range of products. Tilt 35°, Rotation 365°. Wet Location option as standard (WL). 	
Product Code	WG 100RPTDLX-RPT-RAC-W WG 100RPTDLX-RBT-RAC-W WG 100RPTDLX-RBT-RAC-G	Plaster Trim White Bezel Trim White Bezel Trim Grey	WG 100RPTDLX- Plaster Trim
	Add 'WL' for wet location optior	1	5.2"
Aperture	Ø 4.0" (2.0" light aperture)		
LEDs	90 CRI, 95 CRI		
Color Temp	LED available in 2700K, 3000K	, 3500K, 4000K	
Beam	8º (Narrow) , 19º-31º (Zoom)		4.0" 100mm
Diffuser	Open Aperture		and the
	Regressed Solite Lens		6.5
	Regressed Satin Clear		165n
	Regressed Satin Opal		
	Regressed Satin Clear, Wet Loc	ation	WG 100RPTDLX-
	Regressed Satin Opal, Wet Loca	ation	Bezel Trim
Dimming	Standard non-dim driver, 120-2	77V	
	EldoLED, 1%, 0-10V dimming, 1	20-277V	5.2"
	Lutron Hi-lume 1% EcoSystem,	120-277V	132mm
	Lutron Hi-lume Premier 0.1% E	coSystem, 120-277V	
	Lutron Forward Phase 1% 120V	AC	
Mounting	ProTools downlights require no	additional mounting kits for remodel and new	
	construction.		E
	Grid Kit		
	Chicago Plenum Housing		$\frac{4.0"}{100mm}$ \square

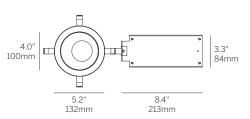






-RPT-RAC FIL IRIN 16.0" 406mm 3.3" 8/mm 8.4" 213mm -RBT-RAC

14.7" 373mm



4" ProTools DLX Downlight

Round Asymmetric Cover - Narrow / Zoom

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SAC	OA RSL RSC RSO	8 (Narrow) 19-31 (Zoom)	W G⁵	LP CP IC WL

Model

■ WG-100SPTDLX = 4" ProTools DLX Downlight

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover

■ SAC = Square Asymmetric Cone

■ FG = Frosted Glass

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

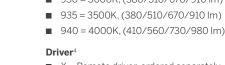
Design Guide 82-86

- Beam

Lens

- Finish
- W = White ■ G = Gray⁵

Options



OA = Open Aperture

- RSL = Regressed Solite Lens
- RSC = Regressed Satin Clear
- RSO = Regressed Satin Opal

■ 8 = 8° Beam Angle (Narrow) ■ 19-31 = 19-31° Beam Angle (Zoom)

ProTools downlights require no additional options kits

- for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- \blacksquare IC = IC/NC Housing
- WL = Wet Location

Optical Accessory Holder (Must be ordered separately)

- Up to 3 lenses and/or accessories can be added to the
- Optical Accessory Holder
- SN = Snoot
- HX = Hex Louver
- LS = Linear Spread Lens
- SOL = Solite Lens



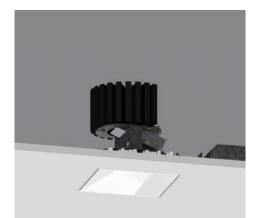
4" ProTools DL Wall Wash Square Wall Wash Cover

Dedicated Wall Wash Luminaire for Even Illumination of Vertical Surfaces

- 4" square downlight with 2" light aperture.
- 0.7" regressed aperture / lens providing asymmetric beam distribution optimized for even illumination of vertical surfaces.
- High-angle illumination.
- Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver.

- Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (remodelling).
- Modular interchangeability throughout the entire ProTools DLX range of products.
- Wet Location as standard option (WL).

Product Code	WG 100SPTDLWW-RPT-W WG 100SPTDLWW-RBT-W WG 100SPTDLWW-RBT-G	Plaster Trim White Bezel Trim White Bezel Trim Grey							
	Add 'WL' for wet location option	1							
Aperture	4.0" × 4.0" (2.0" light aperture))							
LEDs	90 CRI	90 CRI							
Color Temp	LED available in 2700K, 3000K, 3500K, 4000K								
Beam	Wall Wash								
Diffuser	Regressed Satin Clear Regressed Satin Clear, Wet Loc	ation							
Dimming	Standard non-dim driver, 120-2 EldoLED, 1%, 0-10V dimming, 1 Lutron Hi-lume 1% EcoSystem Lutron Hi-lume Premier 0.1% E Lutron Forward Phase 1% 120\	20-277V , 120-277V .coSystem, 120-277V							
Mounting	ProTools downlights require no construction. Grid Kit Chicago Plenum Housing IC Housing	additional mounting kits for remodel and new							



16.0"

406mm

14.7" 373mm

8.4"

213mm

8.4" 213mm

3.3"

3.3"

8/mm

WG 100SPTDLWW-RPT

Plaster Trim

4.4" 112mm

4.0

Bezel Trim

4.4 112mn

6.5"

165mm

WG 100SPTDLWW-RBT

100mm

4" ProTools DL Wall Wash

Square Wall Wash Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Finish	Options
WG-100SPTDLWW	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SWW	WWL	W G⁵	LP CP IC WL

Model

■ WG-100SPTDLWW = 4" ProTools DL Wall Wash

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA

■ XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

5.2" 132mm

Design Guide 82-86

■ SWW = Square Wall Wash

WWL = Regressed Wall Wash Spread Lens

■ W = White • $G = Gray^5$

Cover

Lens

Finish

Options

ProTools downlights require no additional options kits

for remodel & new construction

■ LP = Landing Pan

CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location



4" ProTools DL Wall Wash Round Wall Wash Cover

Dedicated Wall Wash Luminaire for Even Illumination of Vertical Surfaces

- 4" round downlight with 2" light aperture.
- 0.7" regressed aperture / lens providing asymmetric beam distribution optimized for even illumination of vertical surfaces.

IC Housing

78 Whitegoods ProTools

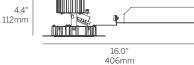
- High-angle illumination.
- Luminaire and driver installed and maintained from below the ceiling.
- Integral or remote driver.

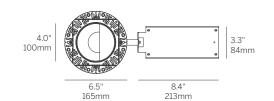
- Mounts in 1/16" to 1" surface.
- Minimum of 5.5" (127mm) ceiling void is required to install the fixture from below the ceiling (remodelling).
- Modular interchangeability throughout the entire ProTools DLX range of products.
- Wet Location as standard option (WL).

\bigcirc	

Product Code	WG 100RPTDLWW-RPT-W WG 100RPTDLWW-RBT-W WG 100RPTDLWW-RBT-G	Plaster Trim White Bezel Trim White Bezel Trim Grey
	Add 'WL' for wet location option	
Aperture	Ø 4.0" (2.0" light aperture)	
LEDs	90 CRI	
Color Temp	LED available in 2700K, 3000K, 3	3500K, 4000K
Beam	Wall Wash	
Diffuser	Regressed Satin Clear Regressed Satin Clear, Wet Locat	ion
Dimming	Standard non-dim driver, 120-27 EldoLED, 1%, 0-10V dimming, 120 Lutron Hi-lume 1% EcoSystem, 12 Lutron Hi-lume Premier 0.1% Eco Lutron Forward Phase 1% 120VA	0-277V 20-277V)System, 120-277V
Mounting	ProTools downlights require no ac construction. Grid Kit Chicago Plenum Housing	dditional mounting kits for remodel and new

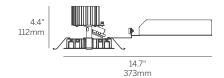
WG 100RPTDLWW-RPT

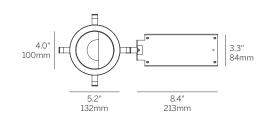




WG 100RPTDLWW-RBT Bezel Trim

Plaster Trim





4" ProTools DL Wall Wash

Round Wall Wash Cover

Model	Fixation ^{1,2}	Power ³	CRI/ CCT ⁴	Driver ⁵	Cover	Lens	Finish	Options
WG-100RPTDLWW	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RWW	WWL	W G⁵	LP CP IC WL

Model

■ WG-100RPTDLWW = 4" ProTools DL Wall Wash

Fixation

- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power^{1,2}

- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT³

- 90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver⁴

- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Whitegoods reserves the right to change any information without prior notice.

Notes

- 1 Other lumen packages available, consult factory.
- 2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
- 3 See LED data sheet for delivered lumens.
- 4 See power supply page for details.
- 5 Plaster trim version includes white frame and gray cover.

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RWW = Round Wall Wash

WWL = Regressed Wall Wash Spread Lens

W = White • $G = Gray^5$

Cover

Lens

Finish

Options

ProTools downlights require no additional options kits

for remodel & new construction

■ LP = Landing Pan

CP = Chicago Plenum Housing

■ IC = IC/NC Housing

■ WL = Wet Location



Design Guide

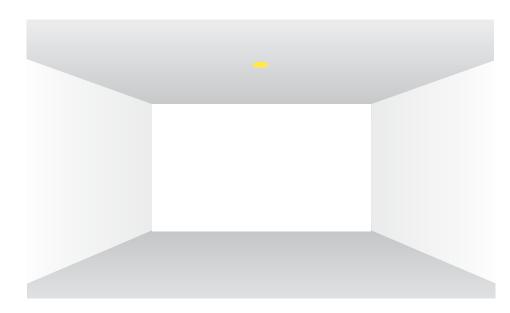
We have provided performance data and characteristics for Whitegoods luminaires, as well as providing expected light levels for typical scenarios based on set parameters. The results are intended as a handy reference to help the specifier plan their project quickly, efficiently and with confidence.

We have taken the most common uses of each luminaire type, set distances and heights based on typical situations and calculated the results. Then, we vary the parameters a little either way so that you can decide for yourself the best option for your particular requirement.



4" ProTools Single Downlight - Performance

WG 100SPTD, WG 100RPTD, WG 100SPTDL, WG 100SPTDLX, WG 100SPTDLX, WG 100RPTDLX

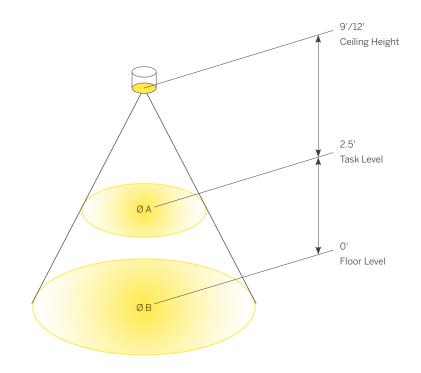


The ProTools series offers Plaster Trim and Bezel Trim fixed, wall wash and adjustable downlights with various cover options and accessories creating a flexible and versatile range of luminaires with a single consistent minimal appearance throughout.

A downlight can be used to deliver general light over a broad area, or a focused beam of concentrated light. Suitable for general area lighting in single units, grid patterns or groups as well as focused lighting and task oriented application.

This design guide provides the average light levels and beam spread which can be expected at task and floor level from a single downlight at the ceiling heights shown, and relative to the performance of each luminaire.

Average Light Levels



The diagram shows the average light level achieved, across an area the size shown, at the given distance from a single luminaire.

Product Code	Beam Sp	read
WG 100SPTD, WG 100RPTD	-	90°
WG 100SPTDL, WG 100RPTDL	-	16° 32° 41°
WG 100RPTDLX, WG 100RPTDL	X - - -	16° 32° 41° 8°

Refer to the diagram on the left, select your luminaire, ceiling height and distance, and read off the light level achieved in the table below.

Calculated on the following basis:

Reflectances

Ceiling 70% Walls 50% Floor 20%

Maintenance factor

LED High Power 3000 Kelvin 90 CRI

1.0

Calculation Results

Fixtures	Power	Beam	Accessory	Ceiling Height	ØA	Task Level (2.5') Average	ØB	Floor Level (O') Average
WG 100SPTD, WG 100RPTD	1512lm*	90°	Flush Lens	9.0' 12.0'	Ø 13' Ø 19'	6.4 fc 3.1 fc	Ø 18' Ø 24'	3.7 fc 2.1 fc
WG 100SPTDL, WG 100RPTDL, WG 100SPTDLX,	2027lm*	16°	Open Aperture	9.0' 12.0'	Ø 1.8' Ø 2.7'	102 fc 49 fc	Ø 2.5' Ø 3.4'	54 fc 31 fc
WG 100RPTDLX		32°	Open Aperture	9.0' 12.0'	Ø 4.2' Ø 6.2'	33 fc 16 fc	Ø 5.8' Ø 7.8'	18 fc 11 fc
		41°	Open Aperture	9.0' 12.0'	Ø 5' Ø 7.1'	24 fc 12 fc	Ø 6.7' Ø 8.9'	13 fc 8 fc
WG 100SPTDLX, WG 100SPTDLX	1638lm*	8°	Glare Shield/ Snoot	9.0' 12.0'	Ø 0.9' Ø 1.3'	277 fc 132 fc	Ø 1.2' Ø 1.7'	149 fc 82 fc

4" ProTools D Downlight All Covers		4" ProTools DL Downligh All Covers	t	4" ProTools DL Adjustabl All Covers	e	4" ProTools DLX Downlig All Covers	tht
Product Details	20-31	Product Details	32-39	Product Details	40-51	Product Details	52-63

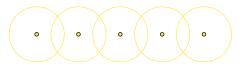


How to create 'Even Illumination' in a space:



The beam angle of a single luminaire is defined by its Half Peak Intensity*. We can use this to create even illumination in a space.

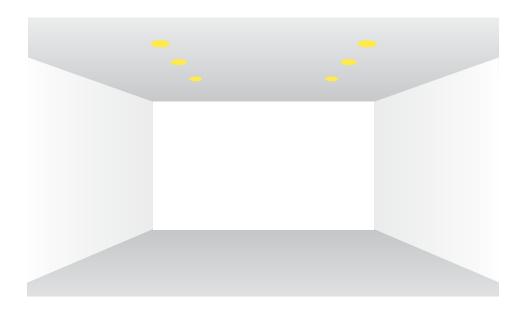
Arrange luminaires equally. Use the center of the luminaire as a base and ensure that neighboring beam spreads touch or slightly overlap.



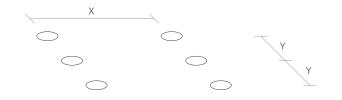
*The point at which the beam reaches half of the intensity relative to the center of its beam.

Values in Foot Candles

4" ProTools Multiple Downlight - Grid Set Out wg 100sptd, wg 100sptd, wg 100sptdl, wg 100sptdlx, wg 100sptdlx, wg 100sptdlx



Light Levels



Plaster Trim and Bezel Trim fixed, wall wash and adjustable downlights with various cover options and accessories creating a flexible and versatile range of luminaires with a single consistent minimal appearance throughout.

A downlight can be used to deliver general light over a broad area, or a focused beam of concentrated light. Suitable for general area lighting in single units, grid patterns or groups as well as focused lighting and task oriented application.

This design guide provides the average light levels which can be expected at floor level from a grid of downlights at the ceiling heights shown, and relative to the performance of each luminaire.

The diagram and table can be read to establish light levels achieved when luminaires are set out at the dimensions indicated, at the ceiling heights shown.

Product Code	Beam Spi	read
WG 100SPTD, WG 100RPTD	-	90°
WG 100SPTDL, WG 100RPTDL	-	32° 41°
WG 100SPTDLX, WG 100RPTDLX	X - -	32° 41°

X = luminaire spacing center to center Y = distance between rows

Refer to the diagram on the left, select your luminaire, ceiling height and set out, and read off the light level achieved in the table below.

Calculated in a 20'x20' room size and on the following basis:

Reflectances

Ceiling 70% Walls 50% Floor 20%

Maintenance factor

1.0

LED High Power 3000 Kelvin 90 CRI

Calculation Results

Fixtures	Power	Beam	Accessory	Ceiling Height	Y	Aver	X age Light Level	s (fc)
						4.0'	6.0'	8.0'
WG 100SPTD,	1512lm*	90°	Flush Lens	9.0'	4.0'	46	38	34
WG 100RPTD					6.0'	38	32	28
					8.0'	34	28	25
				12.0'	4.0'	35	30	27
					6.0'	30	27	23
					8.0'	27	23	21
WG 100SPTDL,	2027lm*	32°	Open Aperture	9.0'	4.0'	33	32	29
WG 100RPTDL,					6.0'	32	30	28
WG 100SPTDLX, WG 100RPTDLX					8.0'	30	28	26
				12.0'	4.0'	30	29	27
					6.0'	29	28	26
					8.0'	27	26	24
		41°	Open Aperture	9.0'	4.0'	32	31	28
			opennipertare	5.0	6.0'	30	29	27
					8.0'	28	27	25
				12.0'	4.0'	29	28	25
					6.0'	28	26	24
					8.0'	25	24	22

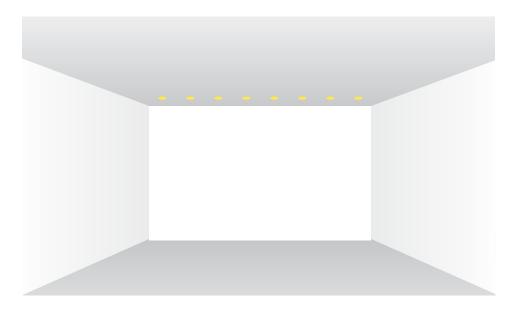
Fixtures	Power	Beam	Accessory	Ceiling Height	Y	Avera	X age Light Level	s (fc)
						4.0'	6.0'	8.0'
WG 100SPTD, WG 100RPTD	1512lm*	90°	Flush Lens	9.0'	4.0' 6.0' 8.0'	46 38 34	38 32 28	34 28 25
				12.0'	4.0' 6.0'	35 30	30 27	27 23
					8.0'	27	23	21
WG 100SPTDL,	2027lm*	32°	Open Aperture	9.0'	4.0'	33	32	29
WG 100RPTDL, WG 100SPTDLX,	20271111"	32-	Open Aperture	9.0	4.0 6.0' 8.0'	32 30	30 28	29 28 26
WG 100RPTDLX				12.0'	4.0' 6.0' 8.0'	30 29 27	29 28 26	27 26 24
		41°	Open Aperture	9.0'	4.0'	32	31	28
		41	OpenAperture	5.0	6.0' 8.0'	30 28	29 27	28 27 25
				12.0'	4.0' 6.0' 8.0'	29 28 25	28 26 24	25 24 22

4" ProTools D Downlight All Covers		4" ProTools DL Downligh All Covers	ıt	4" ProTools DL Adjustab All Covers	le	4" ProTools DLX Downli All Covers	ight	index
Product Details	20-31	Product Details	32-39	Product Details	40-51	Product Details	52-63	

Values in Foot Candles

4" ProTools D Downlight - High Angle Illumination

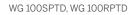
WG 100SPTD, WG 100RPTD

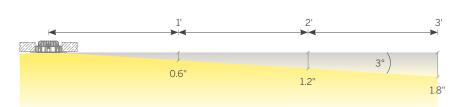


The ProTools D is a versatile luminaire with various trim, diffuser and cover options. When specified with a flush Satin Opal Diffuser, it has excellent high angle lighting performance. Although it is not intended as a dedicated wall wash luminaire, it can provide excellent illumination to nearby vertical surfaces as well as providing excellent ambient light throughout a space.

In this Design Guide, we provide you with all the information you need to work out exactly how much light can expect to deliver to a wall and floor below, relative to the distance from the surface and the center to center spacings of the luminaires.

Angle of Illumination / High Angle Lighting Performance

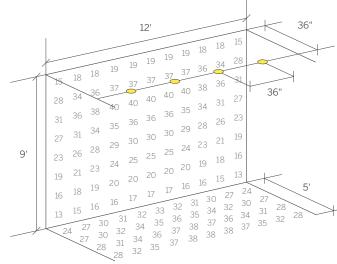




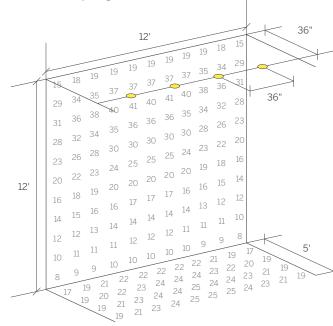
The diagrams show the point at which the contrast between the lit and the unlit perpendicular surface occurs as a soft transition line, at various distances from the luminaire.

Values in feet & inches

9' Ceiling, Typical 36" Offset, 36" Luminaire Spacing







Values in Foot Candles

Calculated on the following basis:

t	Reflectances	Maintenance Factor	LED	Diffu
i.	Ceiling 70%	1.0	1512lm*	Custo
	Walls 50%	1.0	19121111	Wash
20-31	Floor 20%			



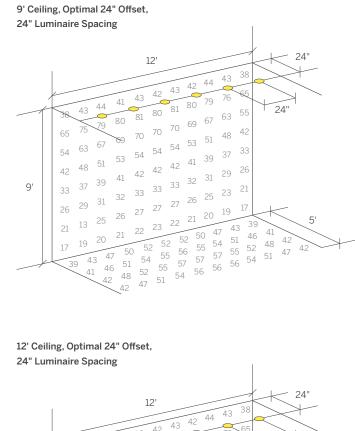
Product Details

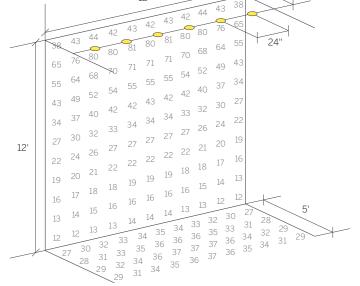
This page shows typical offsets and luminaire spacings and the resulting illumination which can be expected on the wall and floor. The following page shows results at different offsets and luminaire spacings.

user tom Micro-Prismatic sh Lens

4" ProTools D Downlight - High Angle Illumination

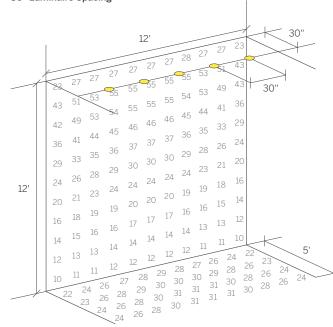
WG 100SPTD, WG 100RPTD







9' Ceiling, Optimal 30" Offset, 30" Luminaire Spacing 12' 30' 28 27 27 27 28 27 **5**5 55 55 53 27 27 55 ^{55 55 54 52 49} 30 I ₃₅ 40 ⁴³ 45 46 46 46 45 43 40 ³⁵ 28 ³² ³⁴ ³⁶ ³⁷ ³⁷ ³⁷ ³⁶ ³⁴ ³² 23 ^{26 28 29 30 30 30 29 28 26} 23 24 24 24 24 24 23 21 9' 20 ^{20 19} 20 44 42 6 47 48 47 48 47 46 43 40 35 46 47 48 47 46 43 45 44 46 43 43 10 12' Ceiling, Optimal 30" Offset, 30" Luminaire Spacing



Values in Foot Candles

Calculated on the following basis:

	Reflectances	Maintenance Factor	LED	Dif
	Ceiling 70%	1.0	1512lm*	Cu
	Walls 50%			Wa
20-31	Floor 20%			



Product Details

4" ProTools D Downlight

All Covers

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

This page shows what we feel are the optimal offsets and luminaire spacings to achieve even illumination.

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4" ProTools DL Wall Wash

WG 100SPTDLWW-RPT, WG 100SPTDLWW-RBT, WG 100RPTDLWW-RPT, WG 100RPTDLWW-RBT



ProTools DL Wall Wash offers round and square dedicated wall wash luminaires for even illumination of a surface. They emit a wide, even beam of light which is directed towards the wall. Washlights need to be correctly positioned, both in terms of distance from the wall, and their relative distance to one another. This guide will help you get the best result.

The golden rule is 1:1 spacing between luminaires, set to match the distance they are offset from the surface to be lit. And that offset distance should ideally be one third of the overall surface height.

Of course, at Whitegoods we understand that constraints of modern construction requirements and commercial consideration mean that it is not always practical to apply these parameters. Therefore we have designed our wall wash luminaires to work as well as possible even when mounted close to the wall.

The height of the wall to be lit (h) will determine the best distance at which to position wall wash luminaires. A good 'rule of thumb' is to offset them by approximately one third of the wall height.

For optimum wall washing results use a 1:1 ratio between the offset (a) from the wall and the 'on center' luminaire spacings (b).

e.g. - if the wall is 9' high, then the luminaires will ideally be 3' away from the wall surface, so set them out at 3' on center - i.e. with 3' between each luminaire.

Also, where the wall meets an adjacent surface, space the last luminaire half the set out distance (b¹).

a b¹

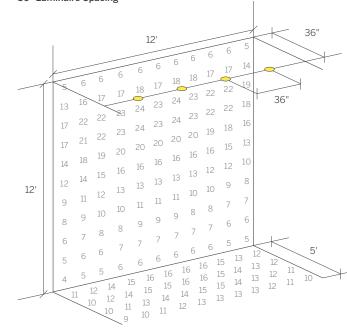
4" Pro index All Co

4" ProTools DL Wall Wash All Covers

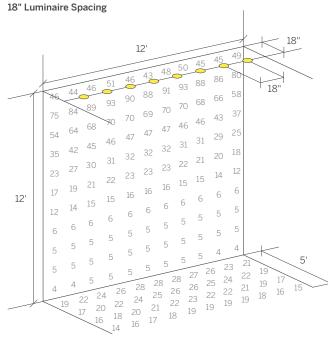
64-67

Product Details

12' Ceiling, 36" Offset, 36" Luminaire Spacing



12' Ceiling, 18" Offset, 18" Luminaire Spacing

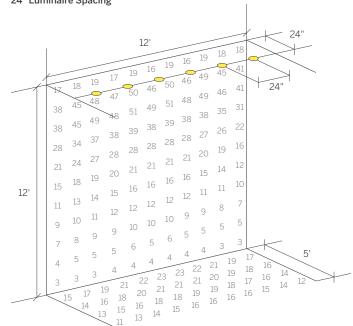


Values in Foot Candles

Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffu
Ceiling 70%	1.0	2027lm*	Cust
Walls 50%		3000 Kelvin	wash
Floor 20%		90 CRI	

This page shows what we feel are the optimal offsets and luminaire spacings to achieve even illumination. The following page shows results at different offsets and luminaire spacings.



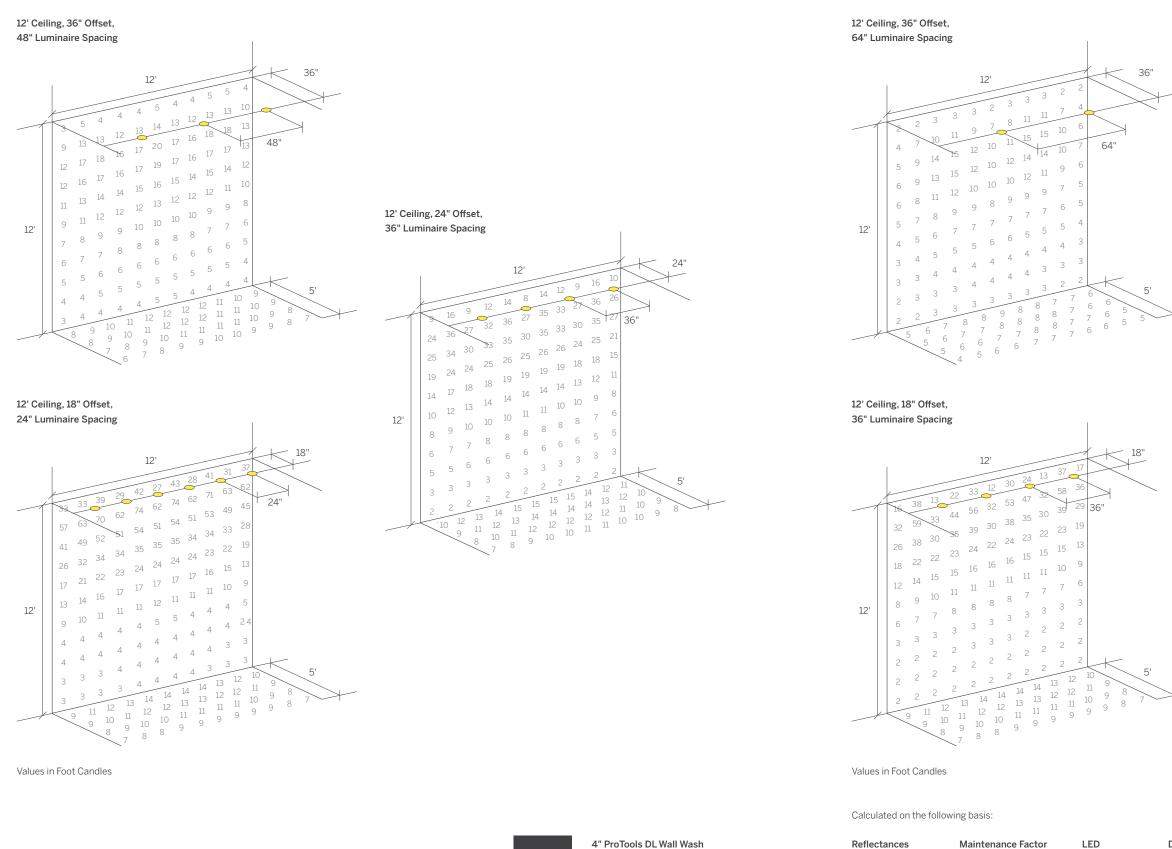
12' Ceiling, 24" Offset, 24" Luminaire Spacing

fuser

istom Micro-prismatic ish lens

4" ProTools DL Wall Wash

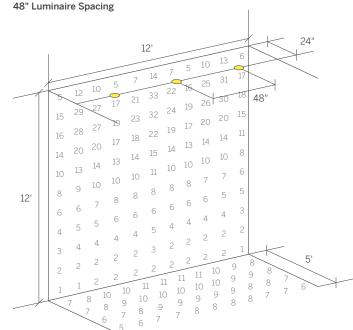
WG 100SPTDLWW-RPT, WG 100SPTDLWW-RBT, WG 100RPTDLWW-RPT, WG 100RPTDLWW-RBT



All Covers

Product Details

64-67



12' Ceiling, 24" Offset, 48" Luminaire Spacing

Diffuser

Custom Micro-prismatic wash lens

Photo Credits

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project	Robert L. Bogomolny Library
location	Baltimore, MD
architect	Behnisch Architekten
lighting design	MCLA
photography	David Mattiessen Photography

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project	Rockville Town Center
location	Rockville, MD
architect	R2L:Architects, PLLC
photography	Steve Lerum, Inter-lux

page 8-9

project	BMW Paris George V
location	Paris, France
architect	Carbondale
lighting design	Mindseye
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location	Rockville, MD
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project	Senova Dental Practice
location	London, UK
architect	FLACQ Architects
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project	Rockville Town Center
location	Rockville, MD
architect	R2L:Architects, PLLC
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page 95

project	Robert L. Bogomolny Library
location	Baltimore, MD
architect	Behnisch Architekten
lighting design	MCLA
photography	David Mattiessen Photography



The application of light to the surfaces around us is a critical factor in our perception of any space.

When proper consideration is given to the architecture, function and the desired atmosphere, lighting can become a truly integrated part of the overall environment being created, often unseen although defining and enhancing the space.

